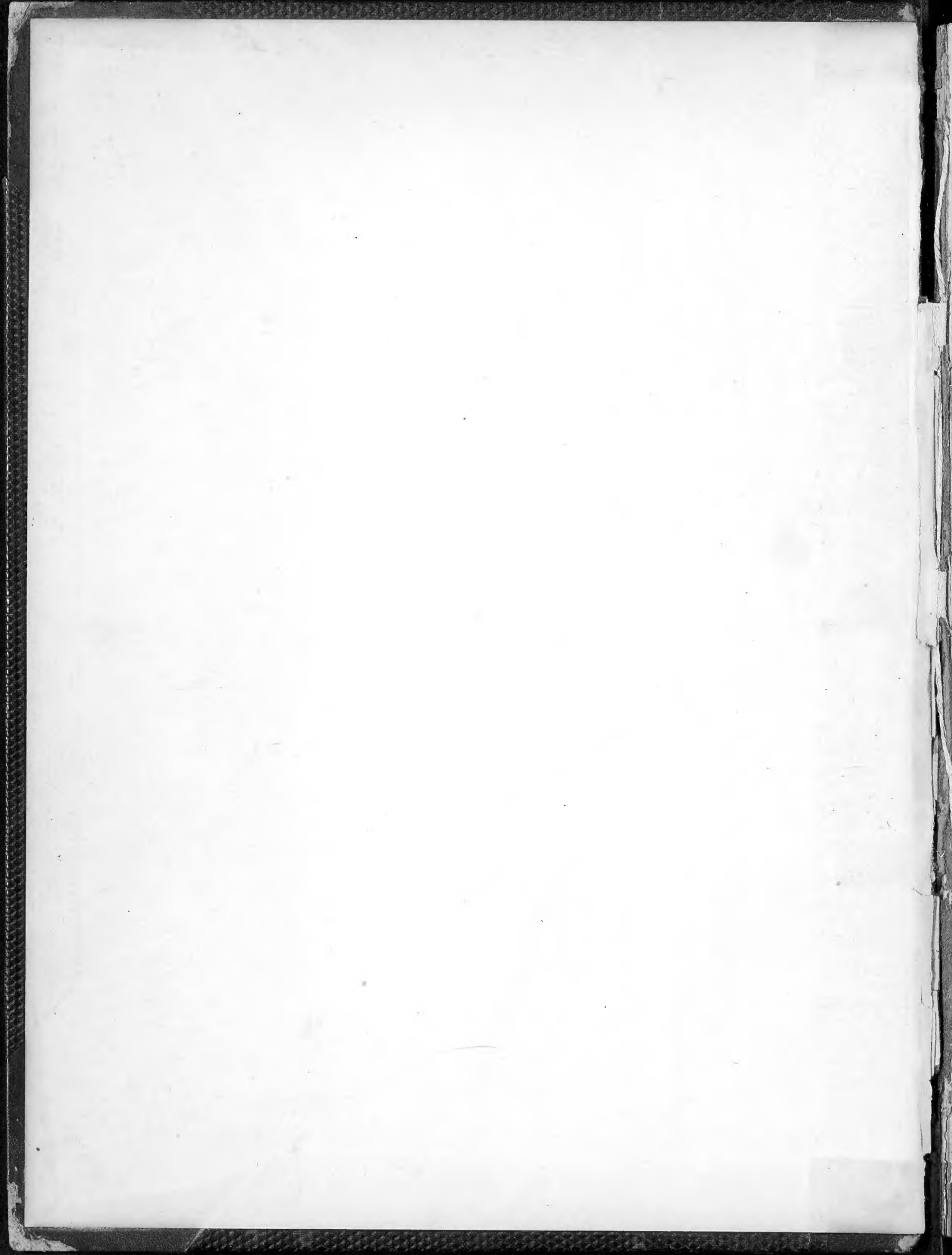


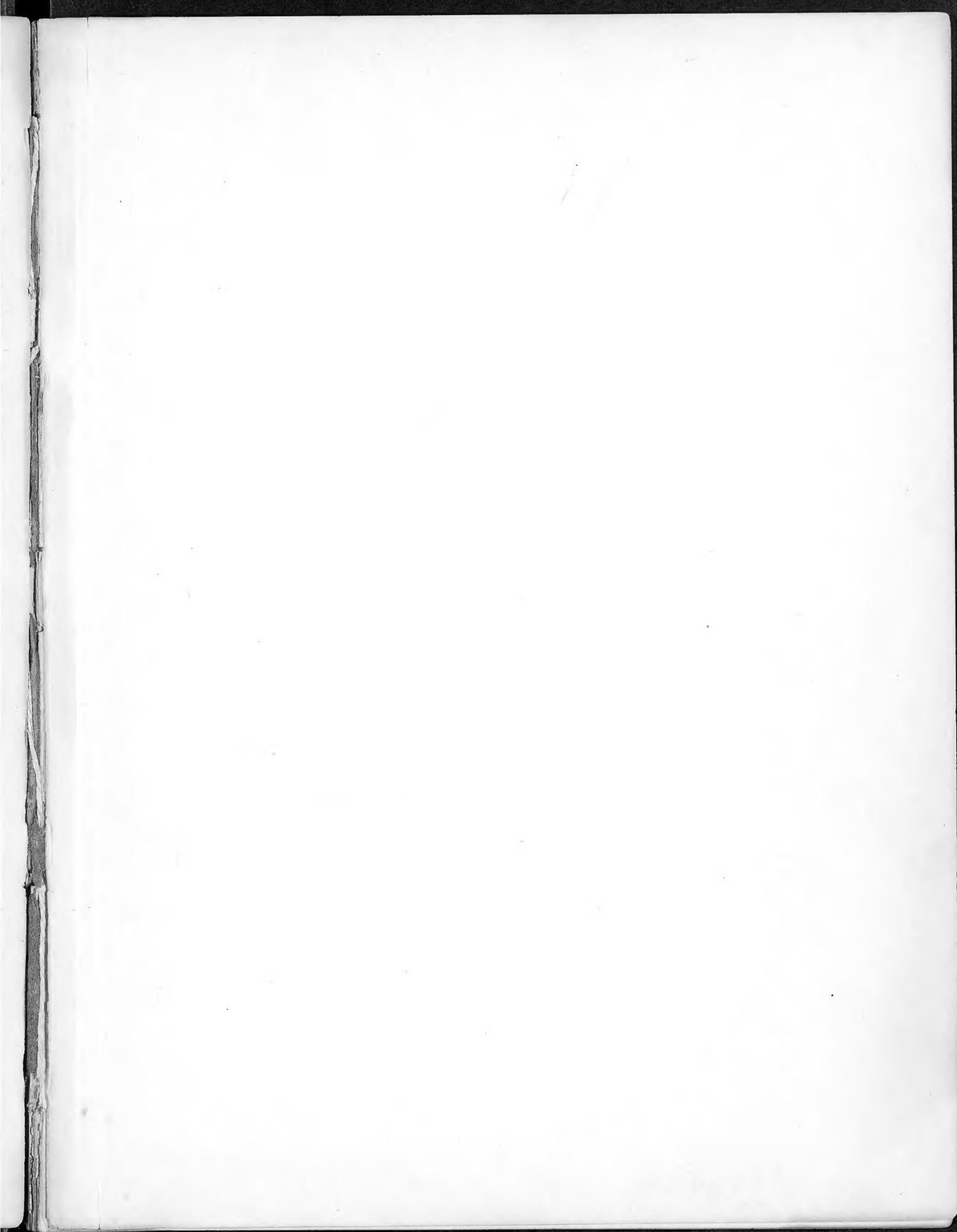
③



Merritt Lyndon Fernald.







W.C. Mearns 1	W.C. Mearns 48	A. Dupis 122
Edo Claassin 3	Miss Easton 51	Mrs. D.H. Sheldon 122
M.E.P. Ames 4	M.A. Stiles 53	S.B. Parish 125
E.L. Clark 4	A.J. Grant 58	Peary 126
A. Dupis 6	H.L. Clark 53	L.F. Hudson 134
J. Mason 8	M.L. Clark 54	A. Dupis 138
S.B. Parish 9	S.S. Miller 54	Mrs. M.E.P. Ames 141
A.J. Grant 9	A.T. Davidson 54	O.D. Allen 142
J. M. Haskell 9	F.H. Grant 54	Elizabeth Taylor 145
S.B. Stiles 9	T.H. Grant 54	C.V. Piper 146
G.L. Perry 9	E.L. Grant 54	A. Dupis 148
J.C. Grant 12	J.H. Grant 54	F.H. Lamb 149
H.E. Grant 11	M.L. Grant 54	A. Dupis 161
J.H. Grant 11	S.H. Grant 53	A. Davidson 161
K.E. Grant 12	E.L. Grant 54	L. Grant 162
H.H. Parker 13	J.H. Grant 54	A. Dupis 162
E.L. Grant 16	E.L. Grant 54	F.C. Stark 165
E.L. Grant 20	M.H. Grant 54	A.H. Curtis 169
J.H. Grant 21	J.H. Grant 54	E. Palmer 170
J.H. Grant 25	C.H. Grant 54	S.B. Parish 193
J.H. Grant 26	E.L. Grant 54	A. Dupis 194
C.V. Piper 32	J.H. Grant 54	A. Nelson 197
J.H. Grant 32	A. Piper 55	A.S. Hitchcock 199
H.H. Parker 35	C.H. Grant 54	
C.F.H. Grant 35	H. Grant 102	
C.V. Piper 36	A. Grant 106	
S.L. Grant 40	S.H. Grant 107	
J.H. Grant 41	C.L. Hartman 110	
M.E. Grant 49	Carl Lumbert 112	
H. Grant 45	C.H. Grant 113	
M.E. Grant 46		
M.E. Grant 48		

Plants from W. C. Wernier.

Columbus, Ohio.

Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)  
*linus*, Nees.

Mary E. P. Ames 4, 141.

M. E. Andrews 10, 12,

O. D. Allen, 142,

B. F. Bush, 32,

J. S. Brandegee 70,

E. S. Claassen 3,

J. F. Collins 25,

H. L. Clark 53,

S. H. Camp 63, 107.

A. H. Curtis 169.

A. Dugès 6, 102, 122, 138, 148, 161, 162, 194.

A. Davidson, 54, 64, 161.

C. R. Dodge 66.

Alice Eastwood 51,

N. W. Eggleston 65,

M. L. Fernald 21.

Kate Furbish 48,

A. J. Grant. 9, 53, 56, 63,

J. M. Haskell, 9.

F. H. Harford 54,

F. L. Hawes 56,

C. V. Hartman 71, 110, 113,

L. F. Henderson 134,

le)

189.

or *vinineus*)

(near *Tradesanti*)

(destitute of rays)

leaves)

leaves, disk purplish)

L. (?) (growing with *diffusus*)  
 mod. from New Jersey.)

37. *Galatella hyssopifolia*, Nees = *Aster hyssopifolius*, L.

W.C. Werner 1,  
 Edo Claassin 3,  
 M.E.P. Ames 4,  
 S.B. Parish 4  
 A. Dugis 6  
 J. Macoun 8  
 S.B. Parish 9  
 A.J. Grant 9  
 J.M. Hastell 9  
 H.S. Staples 9  
 G.L. Perry 9  
 J.E. Needham 10  
 H.E. Andrews 10  
 J. Half 11  
 H.E. Andrews 12  
 H.H. Patterson 13  
 E. Taylor 18  
 E.L. Rand 20  
 M.L. Francis 21  
 J. F. Callin 25  
 J. Williams 26  
 C. V. Piper 32  
 B.D. Beach 32  
 H.H. Patterson 33  
 C. F. Wheeler 3  
 C. V. Piper 36  
 J. L. Stevens 4  
 Susan Tucker 41  
 M. E. Jones 44  
 H. Helms 45  
 Miss Loring 46  
 Miss Furbish 48

W.C. Werner 48  
 Miss Eastwood 51  
 M.A. Stiles 53  
 A.J. Grant 53  
 S.D. — —

A. S. Hitchcock 199

M.E. Jones 44

L. Jared 162.

Miss Loring 46,

F. E. Lloyd 97.

Carl Lumboltz 112,

J.H. Lamb 149.

J. Macoun 6,

G.S. Miller 54.

J.M. Macoun 66,

J.G. Needham 10.

A. Nelson 106, 197.

S.B. Parish 4, 9, 63, 125, 193,

G. L. Perry 9,

H.H. Patterson 13, 36,

C.V. Piper 32, 36, 85, 146,

F.H. Peabody 54,

Robt. Peary 126,

E. Palmer 170,

E. L. Rand 20,

H.F. Staples 9,

J. L. Stevens 40,

A. Dugis 122

Mrs. D.H. Sheldon 122

S.B. Parish 125

Peary — 126



Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)

*linos*, Nees.

W. A. Stiles 53,

Mrs. D. H. Sheldon 122.

le)

F. C. Staub 163,

J. & G.

Elizabeth Taylor 18, 145

Susan Tucker 41, ~~45~~,

W<sup>m</sup> Trelease 45,

W. C. Werner 1, 48, 59,

J. Williams 26,

or *vinineus*)

C. F. Wheeler 35,

... (near *Tridacanti*)

John Wolf 57.

'destitute of rays)

leaves)

& lavender, disk purplish)

ll. (?) (growing with *diffusus*)  
rod. from New Jersey)

37.

*Galatella hyssopifolia*, Nees = *Aster hyssopifolius*, L.

Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

1

- |   |  |
|---|--|
| 1 & 2.  | <i>Aster corymbosus</i> , Ait. (appr. <i>macrophyllus</i> )            |
| 3 & 3 $\frac{1}{2}$ .                               | " <i>patens</i> , Ait. v. <i>phlogifolius</i> , Nees.                  |
| 2/.   | " <i>ericoides</i> , R.  |
| 2 $\frac{1}{4}$ .                                   | " " (rays purple)  |
| 2 $\frac{1}{2}$ .                                   | " " v. <i>villosus</i> , T. & G.                                       |
| 22, 22 $\frac{1}{4}$ , 22 $\frac{1}{2}$ .           | " <i>multiflorus</i> , Ait.  |
| 23.   | " <i>vimineus</i> , Lam.   |
| 24.   | " <i>vimineus</i> , Lam.   |
| 24 $\frac{1}{4}$ .                                  | " <i>diffusus</i> , Ait.   |
| 24 $\frac{1}{2}$ .                                  | " " "  |
| 24 $\frac{3}{4}$ .                                  | " " " (near <i>vimineus</i> )  |
| 25 & 25 $\frac{1}{4}$ .                             | " <i>Tradescanti</i> , L.  |
| 26.   | " <i>paniculatus</i> , Lam. (near <i>Tradescanti</i> )                 |
| 26 $\frac{1}{4}$ .                                  | " " (almost destitute of rays)   |
| 27 $\frac{1}{4}$ .                                  | " " (small leaves)   |
| 27 $\frac{1}{2}$ .                                  | " " (rays pale lavender, disk purplish)                                |
| 28, $\frac{1}{4}$ , $\frac{1}{2}$ .                 | " " "  |
| 29.   | " <i>salicifolius</i> , Ait.   |
| 30, $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ . | " <i>paniculatus</i> , Lam.  |
| 3/.   | " " "  |
| 32.   | " <i>salicifolius</i> , Ait.   |
| 32 $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ .  | " <i>novi-Belgii</i> , L.  |
| 33.   | " <i>diffusus</i> , Ait.   |
| 34.   | " <i>purpureus</i> , L.  |
| 35.   | " <i>prenanthoides</i> , Muhl. (?) (growing with <i>diffusus</i> )     |
| 36.   | " <i>dumosus</i> , L. (Introd. from New Jersey)                        |
| 37.   | <i>Galatella hypsopifolia</i> , Nees = <i>Aster hypsopifolius</i> , L. |

- 38.38½ *Helianthus decapetalus*, L.  
 39. " *tuberosus*, L.  
 40. " "  
 41. " "  
 42.42½ " *parviflorus*, Bernh.  
 43. " "  
 44. *Galium trifidum*, L. v. *pusillum*, Gray.  
 45. *Houstonia purpurea*, V. *calycosa*, Gray. (?)  
 46. *Samolus Valerandi*, L. v. *Americana*, Gray.  
 47. *Pycnanthemum linifolium*, Pursh.  
 48. " "  
 49. *Lycopus rubellus*, Moench.  
 50. " *virginicus*, L.  
 51. *Monarda fistulosa*, L.  
 52. " *Clinopodia*, L.  
 53. *Plantago major*, L.  
 54. *Helianthus decapetalus*, L.  
 55. *Actinella acaulis*, Nutt. v. *flabra*.  
 56. *Bidens connata*, Muhl. v. *comosa*, Gray.  
 56¼ " *connata*, Muhl.  
 56¾ " *frondosa*, L.  
 57. *Artemisia annua*, L.  
 58. *Acnida tuberculata*, Moq.  
 59. *Cheerapodium Boscianum*, Moq.  
 59¼½ " "  
 60. " *album*, L.  
 62. *Polygonum Muhlenbergii*, Watson.  
 63. " "

64. *Polygonum Pennsylvanicum*, L.  
 65.<sup>6</sup>/<sub>2</sub> " *Lapathifolium*, L. v. *incarnatum*.  
 66. *Euphorbia Helioscopia*, L.  
 67. *Alnus glutinosa*, Gaertn. (Cult.)

Memoranda on Plants from  
 Edo Claassen, Cleveland, Ohio.  
 Dec., 1891.

- "m." *Carex teretiuscula*, Gooden.  
 "x." " *straminea*, Willd.  
 "y." " *tribuloides*, Wahl. v. *reducta*, Bailey.  
 "8" " " " *cristata* "  
 "Glyceria obtusa" is *G. nervata*, Trin.  
 "Eatonia obtusa" is *E. Dudleyi*, Vasey.  
 "Panicum scoparium?" is *P. scoparium*, Lam.  
 "Panicum depauperatum I" is *P. commutatum*, Schultes.  
 "Panicum depauperatum II" is *P. depauperatum*, Lam.  
 "Panicum dichotomum" is *P. laxiflorum*, Lam.  
 "Panicum gibbum?" is *P. miliaceum*, L.



Plants from Mrs. Mary E. P. Ames,  
Auburn, Cal.  
Jan., 1892.

2. *Ranunculus alismæfolius*, Gay.  
3. " *mucronatus*, L.  
11. *Lathyrus sulphureus*, Brewer.  
21. *Phacelia humilis*, T. & G.  
23. *Cheilanthes gracillima*, Eaton.  
24. *Chaetactis glabriuscula*, DC.  
33. *Sagina occidentalis*, Watson.  
*Peucedanum dasycarpum*, T. & G.

Plants from Saml B. Parish,  
San Bernardino, Cal.

March, 1892.

2157. *Malva parviflora*, L. (?) (sent as borealis, Wallen)  
(2135. *Allium hæmatochiton*, Watson.  
2149. *Trifolium gracilentum*, T. & G.  
2172. *Hosackea micrantha*, Nutt.  
2174. *Cuscuta salina*, Engelm.  
2200. *Meibomia affinis*, Greene.  
2224. *Lactuca Canadensis*, L.  
2231. *Tellima affinis*, Bolander. (with bulblets)  
2240. *Begia Texana*, Nutt.  
2243. *Andropogon saccharoides*, Swg.  
2245. *Chrysopsis villosa*, Nutt., v. *echinoides*, Gay.  
2246. *Echinodorus rostratus*, Engelm.  
2249. *Quercus* ~~*Engelmannii*~~ <sup>*oblongifolia*</sup>, = *Engelmannii*, Greene.

2268. *Quercus dumosa*, Nutt.  
 2280. *Mentha rotundifolia*, L.  
 2281. *Cuscuta salina*, Engelm.  
 2282. *Solidago confinis*, Gray.  
 2283. *Eriogonum gracile*, Benth.  
 2284. " *molestum*, Watson.  
 2285. " *vimineum*, Dougl.  
 2286. *Hasackea Purshiana*, Benth.  
 2287. *Trifolium roscidum*, Greene.  
without numbers.

*Allium campanulatum*, Watson.  
*Echinocystis Gilensis*, Greene. (Probably, only leaves.)  
*Stephanomeria virgata*, Gray.  
*Calochortus Plummerae*, Greene.

- 45<sup>B</sup>. *Dasyllirion Wheeleri*, Watson.  
 67. *Gouenia brevilabris*, Rehb. f.  
 74. *Justicia furcata*, Jacq.  
 77. *Tetramerium hispidum*, Nees.  
 ! 78<sup>C</sup>. *Jacobinia paniculata*, Oerst, ex char. !  
 78<sup>B</sup>. *Libonia (Jacobinia) floribunda*, C. Koch.  
 152. *Cuscuta tinctoria*, Mart.  
 153. *Ehretia Mexicana*, Watson.  
 193. *Acalypha Lindheimeri*, Müll. Arg.  
 225<sup>B</sup>. *Stachys coccinea*, Jacq.  
 230. *Cinnamomum albiflorum*, Nees. (?) (Only leaves)  
 235. *Jornia diphylla*, Pers.  
 245. *Cratalaria pumila*, Ort.  
 ! 257<sup>B</sup>. *Dalea phymatodes*, Willd., ex char.  
 ! 266<sup>A</sup>. *Phorodendron corynanthron*, Eich. & ex char.  
 269<sup>C</sup>. *Nesaea salicifolia*, HBK.  
 280. *Malva viscus arboreus*, Cav.  
 ! 281. *Malva viscus acerifolius*, Presl, ex char.  
 ! 284. *Anoda incarnata*, HBK. ex char.  
 299. *Pisonia hirtella*, HBK.  
 300. *Oxybaphus cerventesii*, Sweet.  
 302. *Oenothera biennis*, L.  
 365<sup>B</sup>. *Crusea subulata*, Gray.  
 ! 375. *Calceolaria glutinosa*, Ferr. & Regel, ex char.  
 379<sup>C</sup>. *Mimulus glabratus*, HBK.  
 385. *Lauourouxia multifida*, HBK.

391. *Buddleia Humboldtiana*. R. & S. var.

- Lasquinon Wheeleri*, Watson. "Totol"  
*Eusola linearis*, Mart. "Gacatiapal."  
*Ehretia Mexicana*, Watson. "Español blanco"  
*Malvastrum acrifolius*, Presl. "Monacillo blanco."  
 " *arborescens*, Cav. "Chilito Colorado."  
*Genotima biennis*, L. "Liecuciosa"  
*Buddleia Humboldtiana*, R. & S. "Leprogan blanco."  
*Senecio praeceps*, DC. "Candelero"  
*Bidens odorata*, Cav. "Pasciella"

incauth & inuabove)

f. (1)

Gray.

chl., ex Chas.

Louis, Müll. Arg.

*Asplenium* u & v = *Polypodium thyrsanolepis*, A. Braun.  
 "Andonia" = *Phycopcia leucomela* (L.) Michx.



391. *Buddleia Humboldtiana*, R. & S. var.  
 391<sup>a</sup> *Buddleia Humboldtiana*, R. & S.  
 391<sup>b</sup> *Buddleia verticillata*, HBK.  
 392. *Buddleia verticillata*, HBK.  
 392<sup>a</sup> " *verticillata*, HBK.  
 392<sup>b</sup> " *verticillata*, HBK.  
 395. *Solanum nigrum*, L.  
 432. *Heterospermum pinnatum*, Cav.  
 452. *Senecio praecox*, DC.  
 456<sup>a</sup> *Montanoa grandiflora*, DC. (?) (200 young)  
 460. *Galuzania triloba*, Pers.  
 471. *Bidens odorata*, Cav.
- "Naranjillo" = *Alex rubra*, Watson, var. - (pubescent beneath & more above)  
 "Ahuacatillo" = *Garrya Fadyenii*, Hook. (?) (Poor spec. in fruit)  
 "Acámbaro" = *Vernonia Alamani*, DC.  
 "Acetitilla" = *Bidens exaristata*, DC.  
 "Composilla" = *Lridax trifida*, Gay, v. *alboradiata*, Gay.  
 "Anisillo" = *Tagetes micrantha*, Cav.  
 "Gonolobus? Erianthus" = *Gonolobus uniflorus*, HBK.  
 "Viscum ???" = *Phorodendron corynanthron*, Eichl., ex Chac.  
 "Euphorbiace" = *Euphorbia campestris*, C. & S., v. *esultaeformis*, Mill. Arg.  
 "Morus sp.?" = *Morus rubra*, L.  
 de "Serro de Sirena" *Salix taxifolia*, HBK.  
 "Tillandsia Dugesii" = *Tillandsia Parryi*, Baker.  
 "Graminea A" = *Bouteloua Harvardii*, Vasey.  
 "Luzière A & B" = *Polypodium thyrsanolepis*, A. Braun.  
 "Andoma" = *Physcia leucomela* (L.) Michx.

## Plants from Can. Geol. Surv.

John Macoun, Ottawa.  
May<sup>19</sup> 1891.

1. *Castilleja pallida*, v. *septentrionalis*, Gray.
2. " *parviflora*, Bong.
3. " " "
4. " " "
5. " *pallida*; v. *septentrionalis*, Gray!
6. " *pallida* Kunth.
7. *Castilleja miniata*, Dougl.
8. " " "
9. " *pallida*, Kunth.
10. " " "
11. *Orthocarpus pallescens*, Gray.

June 30. *Mimulus luteus*, L., v. *depauperatus*.

" 24. " "

" 24A) " *rubellus*, Gray." 24A) *Heterocodon rariflorum*, Nutt.July 5. *Echinosperrum diffusum*, Lehm.

Aug. 11. " "

July 21. *Amsnickia lycopsoides*, Lehm.Aug. 7. *Gilia minutiflora*, Benth.Aug. 12. *Gentiana arcophila*, Griseb., v. *densiflora*." 14. " *propinqua*, Rich.*Dodecatheon Hendersoni*, Gray.

Plants from S.B. Parish

San Bernardino, Cal. Aug. 1892.

2316. *Ranunculus californicus*, Bth. V. *latilobus*, Gay.  
 2320. *Arabis Holboellii*, Hornem.  
 2322. *Arabis Holboellii*, Hornem.  
 2328. *Barbarea vulgaris* Koch (var. *alba*, Parish).  
 2381. *Galium stellatum*, Nutt.  
 2402. *Collinsia grandiflora*, Dougl. V. *pusilla*, Gray.  
 2412. *Amsornia tomentosa*, Torr. (broad leaves).  
 2433. *Krynitzkia tachycarpa*, Gray. (Close to *A. diffusa*, Greene).  
 2436. *Cuscuta denticulata*, Engelm.  
 2452. *Abronia nana*, Wats. (erecta, Parish).  
 2465. *Iris Missouriensis*, Nutt.  
 2478. *Ribes sanguinum*, Pursh, V. *glutinosum*, Watson.  
 2483. *Arabis Holboellii*, Hornem.  
 2510. *Acer glabrum*, Torrey.  
 2513. *Garrya fremonti*, Torr.  
 2525. *Chimaphila Menziesii*, Spreng.  
*Caulanthus amplexicaulis*, Watson.

From A. J. Gout, Newfane, Vt., Oct. 13, '92.

*Aster prenanthoides*, Muhl.

From Miss J. M. Haskell, Livermore Falls, Me.

*Cuscuta Epithymum*, Murr.

From A. J. Gout.

*Stachys <sup>spera</sup> arvensis* Michx.

From H. F. Staples, Uxbridge, Mass.

*Tricyrtis hirta*, Hook.

From G. L. Perry, Wilmington, Mass.

*Eupatorium purpureum* (white).

J.G. Medham, Jerseyville, Ill. Oct. 31.  
*Salidago speciosa*, Nutt. toward *V. angustata*.

from W.E. Andrews, Cassinville, Ill.  
 Nov. 2, 1892.

1. *Aster anomalus*, Engelm.
2. " *azureus*, Lindl.
3. " *multiflorus*, Ait.
4. " *Novae-Angliae*, L.
5. " *diffusus*, Ait. *sagittifolius*, Willd.
6. " *sagittifolius*, Willd.
7. " "
8. " *turbinellus*, Lindl. (pubescent.)
9. " *sericeus*, Vent.
10. " ~~*salicifolius*, Ait., *paniculatus*, Linn.~~
11. " ~~*diffusus*, Ait. toward *V. thyrsoides*, G.~~
12. " *diffusus*, Ait.
13. " *ericoides*, L.
14. " *V. villosus*, T. & G.
15. " ~~*salicifolius*, Ait. *tridacanti*, L.~~
16. " ~~*salicifolius*, Ait. *subaequalis*, Gay.~~



## Plants from John Walfr. Canton, Ill. Nov. 5.

1. *Muhlenbergia sylvatica*, Torr. & Gray.
2. " *sobolifera*, Trin.
3. *Poa annua*, L.
4. *Elymus Virginicus*, L.
5. " "
6. *Muhlenbergia Willdenovii*, Trin.
7. *Agrostis alba*, L.
8. " *scabra*, Willd.
9. " *perennans*, L.
10. *Muhlenbergia Willdenovii*, Trin.
11. *Carex stricta*, Lam., v. *angustata*, Bailey.
12. " " "
13. *Muhlenbergia Willdenovii*, Trin.
14. " "
15. *Aster paniculatus*, Lam.
17. { " *diffusus*, Ait., v. *thyrsoides*, Gay.  
" *Tradescanti*, L.
18. *Aster ericoides*, L., v. *villosus*, T. & G.
18. " *diffusus*, Ait., v. *bifrons*, Gay.
19. " *paniculatus*, Lam.
20. " " "
21. " " "
22. " " "
23. " *Novi-Belgii*, L.
24. " *paniculatus*, Lam.
25. *Muhlenbergia sobolifera*, Trin.
26. " *Willdenovii*, Trin.

Asters from W.E. Andrews, Carlinville, Ill.  
Nov. 10, 1892.

- |                 |   |
|-----------------|---|
| 1 <sup>a</sup>  | <i>Aster sagittifolius</i> , Willd.                       |
| 2 <sup>a</sup>  | " " "   |
| 3 <sup>a</sup>  | " <i>paniculatus</i> , Lam.                               |
| 4 <sup>a</sup>  | " "   |
| 5 <sup>a</sup>  | " "   |
| 6 <sup>a</sup>  | " "   |
| 7 <sup>a</sup>  | " "   |
| 8 <sup>a</sup>  | " "   |
| 9 <sup>a</sup>  | " <i>salicifolius</i> , Ait., v. <i>subaequalis</i> , Gr. |
| 10 <sup>a</sup> | " "   |
| 11 <sup>a</sup> | " <i>cordifolius</i> , L.                                 |

from J.M. Holzinger Nov 25, '92.  
*Aster eucaides*, v. *Fringsii*, Gray.  
*Silene prismatocarpa*, Nutt.

from Garden. Dec. 5, '92  
*Epilobium diffusum*, Torr.  
*Solanum laevis*, H.A.

## Patterson's Colorado Collection. 1892.

Determined Nov. 30. 1892.

Collector's  
nos.

19. *Anemone multifida*, Poir.  
 10. *Clematis Douglasii*, Hook.  
 33. *Ranunculus alismaefolius*, Sayer.  
 12. *Berberis repens*, Lindl.  
 106. *Corydalis aurea*, Willd.  
 30. *Lychnis Drummondii*, <sup>Wats.</sup> Hook. (fide Dr. R.)  
 83. *Saxifraga Limaei*, Presl.  
 16. *Claytonia Chamissonis*, Esch.  
 32. " *megarrhiza*, Parry.  
 71. *Geranium Fremonti*, Torr., *G. Parryi*, Engelm.  
 39. " *Fremonti*, Torr.  
 112. *Pachystima myrsinites*, Raf.  
 22. *Ceanothus velutinus*, Dougl.  
 73. *Astragalus alpinus*, L.  
 62. " *orboides*, Hornem., *A. Americanus*, Gray.  
 4. " *hypoglathis*, L.  
 23. " *multiflorus*, Gray.  
 145. " *Parryi*, Gray.  
 60. *Lupinus parviflorus*, Nutt.  
 57. *Oxytropis deflexa*, DC.  
 33. " *multiceps*, Nutt.  
 103. *Trifolium nanum*, Torr.  
 45. *Potentilla humifusa*, Nutt.  
 78. " *nivea*, L.  
 77. " *nivea*, L.

44. *Potentilla hippiana*, Lehm., v. *pulcherrima*, Wats.  
 30. " " "  
 100. " " "  
 63. " " " " "  
 13. *Ribes cereum*, Dougl.  
 51. " *lacustre*, Poir., v. *molle*, Gray.  
 38. *Saxifraga bronchialis*, L.  
 58. " *debilis*, Engelm.  
 111. *Gnaphalium racemosum*, Torr. & Gray.  
 86. " *ramosissimum*, Torr. & Gray.  
 9. *Mentzelia dispersa*, Watson.  
 8. " *multiflora*, Nutt.  
 47. *Echinocactus Simpsoni*, Engelm.  
 107. *Ligusticum scopulorum*, Gray.  
 43. *Galium trifidum*, L., v. *pusillum*, Gray.  
 110. *Aplopappus Parryi*, Gray.  
 132. *Arnica foliosa*, Nutt.  
 82. *Artemisia borealis*, Pall.  
 142. " *Ludoviciana*, Nutt.  
 143. " " "  
 89. " *Norvegica*, Frick.  
 109. " *tridentata*, Nutt.  
 109a. " *drummenoides*, Pursh (apparently)  
 76. *Aster adscendens*, Lindl.  
 113. *Bickelia grandiflora*, Nutt., v. *minor*, Gray. (idee H. R.)  
 14. *Bigelovia Parryi*, Gray.  
 70. *Bamia chrysanthemoides*, Gray.  
 75. *Chrysopsis villosa*, Nutt.

- 139a. *Chrysopsis villosa*, Nutt., *v. foliosa*, Eaton.  
 139b. " " *v. canescens*, Gray.  
 139c. " " *v. sessiliflora*, Gray.  
 67. *Oniscus Parryi*, Gray.  
 21. *Erigeron canus*, Gray.  
 66. " *salsuginosus*, Gray.  
 129. (1289) " "  
 129. " *Coultteri*, Porter.  
 125. " *grandiflorus* Hook., *v. elatior*, Gray.  
 42. " *glabellus*, Nutt., *v. mollis*, Gray.  
 97. " *glabellus*, Nutt.  
 93. " *salsuginosus*, Gray, *v. glacialis*, Gray.  
 124. " *uniflorus*, L.  
 135. *Grindelia squarrosa*, Dunal.  
 29. *Hieracium albiflorum*, Hook.  
 97. { *Hieracium gracile*, Hook.  
 " " *v. detonsum*, Gray.  
 127. *Madia glomerata*, Hook.  
 55. *Senecio serra*, Hook.  
 37. *Senecio cravenius*, Gray.  
 84. " *cernuus*, Gray.  
 118. " *Douglasii*, DC.  
 131. " *lugens*, Rich., *v. exaltatus*, Gray.  
 32. " " "  
 95. " " " *v. foliaceus*, Gray.  
 131. " " " *v. exaltatus*, Gray.  
 81. *Solidago humilis*, Pursh, *v. nana*, Gray.  
 130. " " "

137. *Solidago humilis*, Pursh.  
 48. " *Missouriensis*, Nutt., *W. montana*, Gray.  
 85. " " *near v. extharia*, Gray.  
 85a. " " *between vars. mont. & exth.*  
 98. " *multoradiata*, Ait., *v. scopulorum*, Gr.  
 65. " *humilis*, Pursh.  
 5. *Stephanomeria runcinata*, Nutt.  
 3. *Thelesperma gracile*, Gray.  
 88. *Troximon aurantiacum*, Hook.  
 80. *Campanula rotundifolia*, L., *v. arctica*, Lange.  
 104. " *uniflora*, L.  
 57. *Vaccinium*, *Myrtillus*, L.  
 122. " " *v. microphyllum*, Hook.  
 59. *Frasera speciosa*, Dougl.  
 102. *Gentiana affinis*, Griseb.  
 133. " *Cluauella*, L., *v. acuta*, Hook.f.  
 40. " *tenella*, Rottb.  
 117. *Pleurogyne rotata*, Griseb.  
 41. *Gilia agguata*, Spreng.  
 68. " *linearis*, Gray.  
 121. *Krynitzkia californica*, Gray.  
 15. *Phacelia circinata*, Jacq.f.  
 1. *Evolvulus argenteus*, Pursh.  
 25. *Castilleja thurberiaefolia*, Benth.  
 134. " *pallida*, Kunth, *v. septentrionalis*, Gray.  
 72. *Rinorea aquatica*, L.  
 69. *Mimulus floribundus*, Dougl. (Smoothish form)  
 26. " *glabratus*, HBK. *v. adscendeus*, Gray.



105. *Pedicularis racemosa*, Dougl.  
 64. " *procera*, Gray.  
 14. *Pentstemon acuminatus*, Dougl.  
 34. " *confertus*, Dougl., v. *cæruleo-purpureus*, Gray.  
 27. " *glaber*, Pursh.  
 31. " " *v. alpinus*, Gray.  
 15. " *secundiflorus*, Benth.  
 6. *Aphyllon fasciculatum*, Gray.  
 74. *Dracopis parviflorum*, Nutt.  
 2. *Scutellaria resinosa*, Torr.  
 20. *Monolepis chenopodioides*, Moq.  
 99. *Polygonum imbricatum*, Nutt.  
 138. *Arcuthobium americanum*, Nutt.  
 108. *Juniperus communis*, L.  
 17. *Habenaria hyperborea*, R.Br.  
 46. *Sygadenus elegans*, Pursh.  
 115. *Juncus Drummondii*, E. Meyer.  
 87. " *Parryi*, Engelm.  
 101. *Eleocharis pauciflora*, Link.  
 111. *Woodia oregana*, L. C. Eaton.

Plants from Miss Elizabeth Taylor. Dec. 20, '92.  
Coll. at Mackenzie Delta &c.

1. *Vaccinium Vitis-Idaea*, L.
2.       "       *uliginosum*, L.
3. *Valeriana capitata*, Pall.
4. *Spiraea betulifolia*, Pall.
5. *Cornus Canadensis*.
6. *Orchis rotundifolia*, Pursh.
7. *Ribes Hudsonianum*, Rich.
8. *Dryas octopetala*, v. *integrifolia*, C. & S.
9. *Tofieldia borealis*.
10. *Beckmannia erucaeformis*, Host.
11. *Stellaria longipes*, Goldie, v. *minor*, Hook.
12. *Habenaria obtusata*, Rich.
13. *Eleocharis argentea*.
14. *Aster Sibiricus*, L.
15. *Aquilegia flavescens*, Wats.
16. *Gygadensis elegans*, Pursh.
17. *Cypripedium passerinum*.
18. *Saxifraga bronchialis*, L.
19. *Linum borealis*, Salisb.
20. *Rubus Chamaemorus*, L.
21. *Mitella nuda*, L.
22. *Camneculus multifidus*, Pursh, v. *repens*, Wats.
23. *Pyrola rotundifolia*, v. *uliginosa*, Gray.
24. *Corallorhiza innata*, R. Br.
25. *Parnassia palustris*, L.

26. *Andromeda polifolia*, L.
27. *Arenaria latriflora*, L.
28. *Cassiope Meibomiaana*, Don.
29. *Erigeron acris*, L.
30. *Rubus arcticus*, L.
31. *Moneses uniflora*, Gray.
32. *Rubus triflorus*, Rich.
33. *Pyrola chlorantha*, Swartz.
34. *Potentilla anserina*, L.
35. *Pyrola rotundifolia*, V. *asarifolia*, Hook.
36. *Ledum latifolium*, Lit.
37. *Adiantum Moenchatellina*, L.
38. *Primula farinosa*, L.
39. *Woodsia Illoensis*, R.Br.
40. *Monotropa uniflora*, L.
41. *Potentilla fruticosa*, L.
42. *Pinguicula vulgaris*, L.
43. *Erigeron Philadelphicus*, L.

Plants from Mt. Desert Island. E. L. Raud. Jan. 1893.

*Spinacea glabra*, Mill. <sup>leafy chori.</sup>

*Chenopodium album*.

*Convolvulus sepium*, L. v. *Americanus*, Sims.

*Eranium asperellum*, Mx.

*Oenothera biennis*, (remarkably hairy)

*Ribes floridum*.

*Malva verticillata*, L.

*Elatine Americana* -

*Brassica Sinapistrum*, Boiss.

*Rosa lucida* -

*Chrysanthemum leucanthemum* (large leaves.)

*Polygonum maritimum*, L.

*Puccinellia serpentaria* Pursh.

" " v. *nana* -

*Plantago decipiens*.

*Euphrasia officinalis*, v. *Satarica*.

*Equisetum arvense*,

*Potamogeton hybridus* -

*Sparganium simplex*, Huds.

" " v. *angustifolium*, Eng.

*Habenaria fimbriata*. (monstrous form)

*Scirpus pungens*, Vahl.

Plants from Mt Desert Id. M. L. Fernald. Jan. 1893.

*Lycopodium imbricatum*, L.

*Woodsia Ilornensis*, R. Br.

*Aspidium Sprinulosum*, V. *dilatatum*, Hook.

*Abies alba*, Link. (abnormal cones)

*Stipa Macounii*, Scribn.

*Elymus mollis*,

*Sporobolus scotinus*, Torr.

*Panicum depauperatum*, V. *fasciculatum*.

*Eleocharis tenuis*, Sch.

" *olivacea*, Torr.

" *ovata*, R. Br.

*Rhynchospora fusca*,

" *alba*,

*Cladium mariscoides*,

*Carex scoparia*, Schk.

" *staminea*, V. *brevior*, Sw.

" *filiformis*, L.

" *considea*, Schk.

" *crinita*,

" *flava*, L.

" *maritima*, D. F. M.

*Scirpus maritimus*

*Carex staminea*, V. *cumulata*.

*Juncus Canadensis*, V. *longicaudatus*, Lf.

"

" *pelocarpus*, L. Mey.

" *filiformis*, L.

- Juncus Greenii*, Cakes & Tuck.  
*Potamogeton ophioglossoides*, Nutt.  
*Calopogon pulchellus*, R.Br.  
*Microstylis ophioglossoides*, Nutt.  
*Habenaria tridentata*, Hook.  
     "    *limbiata*, R.Br.  
*Maianthemum Canadense*, Desv.  
*Seymouria angustifolium*, Willd.  
*Potamogeton perfoliatus*, L.  
     "    "    *lanceolatus*, Robbins.  
     "    *pusillus*, L. (fide Morong)  
     "    *hybridus*, Mx (" " )  
*Sporogonium androcladum* (Eng) Morong (fide Morong)  
     "    *simplex*, Huds. (fide Morong)  
     "    *minimum*, Fries. " "  
*Anemone alba*, L.  
*Polygonum Carey*, Olney.  
     "    *convolvulus*, L.  
*Mentha sativa*, L.  
*Utricularia cornuta*, Mx.  
     "    *resupinata*, B.D. Greene.  
*Livaria Canadensis*, Dum.  
*Euphrasia officinalis*, L.  
*Veronica peregrina*, L.  
*Fraxinus viridis*, Michx.  
*Cassinia corymbosa*, L. v. *fallidum*, Gay.  
     "    "    v. *amoenum* -  
     "    *vitifolia*, L.  
     "    *macrocarpa*, Ait.

*Sagittaria* <sup>presinosa.</sup> ~~prostrata.~~ T. & G.

" *sumosa* - T. & G.

*Rhododendron* *Rhodora*. Don.

*Lobelia Dortmanna*. L.

" *cardinalis*, L.

*Anaseris pusilla*, Gaertn.

*Sidaea cerna*, L.

*Salix puberula*, Nutt.

" *Canadensis*, L.

" *repens*, v. *linoides*.

*Aster nemoralis*.

" *acuminatus*

" *funiculus*, L.

" *Novi Belgii* L.

*Viburnum dentatum* L.

" *lentiginosum*, Mx.

*Galium trifidum* v. *pusillum*, Gray.

*Hydrocotyle Americana* L.

*Sium cicutifolium*, Gmelin.

*Epilobium ciliare*, Muhl.

*Decodon verticillatus*, Ell.

*Myriophyllum verticillatum* L. ? (fide Morton)

*Callitriche racemosa* L.

*Proserpinaca palustris*, L.

*Hamelis Virginiana*, L.

*Drosera intermedia*, v. *Americana* DC.

" *rotundifolia*, L.

*Elymus pennisetum Americanum*.

*Ribes nigrum floridum*.

- Rosa lucida* Ehrh.  
 " *nitida*, Willd.  
 " *humilis*, Marsh (?)  
*Oxus laubucifolia*, Cham & Schl.  
 " *albutifolia*, Lf.  
*Prunus serotina*.  
*Crataegus coccinea*.  
*Amelanchier Canadensis*.  
*Lathyrus palustris* L.  
*Ilex verticillata*.  
*Nemophanes fasciculatus*.  
*Lilia Europaea* L.  
*Malva alcea*. L.  
*Hypericum Canadense*.  
 " " *v. majus*.  
*Elatine Americana*.  
*Buda borealis*, Wats.  
 " *marina*, Dum.  
*Viola pinnatifolia* L.  
 " *blanda*. V. *palustrifolia*.  
*Leechia minor*. V. *intermedia*.  
*Lepidium Virginicum*.  
*Cardamine hirsuta*.  
*Gymnophaca odorata*.  
*Brasenia peltata*.  
*Ranunculus repens*.



## Plants from J. Franklin Collins, Providence, R.I.

Jan. 14, 1892.

1. *Aster caucescens*, Pursh, v. *viridis*, Gray. (Colorado)
2. *Leustiana affinis*, Griseb. "
3. *Euphorbia Presliei*, Guss.
4. *Atriplex patulum*, v. *hastatum*, Gray.
5. *Stachys annua*, L.
7. *Physalis Philadelphica*, Lam.
6. *Mentha Canadensis*, v. *glabrata*, Benth.?
8. *Coreopsis Cardaminifolia*, Tob.
9. *Juncus Primus*, L.
10. *Acalypha Virginica*, L., v. *gracilis*, Muell.
11. *Polygonum acre*, A.B.K.
12. " *aviculare*, L.
13. " *rauosissimum*, Mx.
14. *Chenopodium murale*, L.
15. *Spinacea oleracea*, L.
16. *Amarantus ~~lypsae~~ Lchearestachys*, Willd. v. *hybridus*, Watson.
17. " *blitoides*, Watson.
18. *Lycium divinum*
19. "
20. "
21. *Chenopodium album*, L.
22. *Rosa lucida*, Ehrh.
23. *Leeche minor*, L., v. *maritima*, Watson.

Jan. 27 to Feb. 21, 1893.  
 Plants coll. in N. Morocco Spring of 1889  
 by Talcott Williams.

*Heura Felix*, L.

*Dupleum protractum*, Link.

*Scandix Vestrae Veneris*, L. (293)

*unverreijer* sp - (181)

*Daucus muricatus*, L.

*Bryonia dioica*, Jacq. (115)

*Lithrum pycnanthum*, L. (160, 229)

*Crucifera oxyacantha*, L. (6)

*Poterium Sanguisorba*, L.

" *Majusculi*, Spach.

*Rosa sempervirens*, L.

*Anthyllis tetraphylla*, L. (66)

" *vulneraria*, L.

*Ononis Nativ*, L. (265, 1853)

*Lathyrus Ochrus*, L. (96)

*Lijolium angustifolium*, L. (264)

" *stellatum*, L.

*Vicia sativa*, L. (176)

*Medicago denticulata*, Willd.

*Lotus creticus*, L. (22)

*Scopimurus sulcata*, L. (82, 67)

*Linista linifolia*, L.

*Liforium hybridum*, L. ?

" *f. subvirens*, L.

- Adysarum capitatum*, Dref. (65)  
*Cytisus triflorus*, R'Her.  
*Pistacia lentiscus*, L. (18, 107).  
*Vitis vinifera*, L.  
*Geranium rotundifolium* (287)  
*Opalis cornua*, Themb. (7)  
*Linum catharticum*, Huds.  
*Malva sylvestris*, L.  
*Malope Malacoides*, L.  
*Lavatera trimestris*, L. (178)  
*Hypericum perforatum*, L. (157, 247.)  
*Silene Gallica*, L. (87)  
     "    *cinerea*, Dref. (191)  
*Spergula arvensis*, L. (121)  
*Spergularia media*, Pers. (23)  
*Stellaria media*, L.  
*Lychnis Coeli Rosa*, L. (310)  
*Silene niflata*, L. (102)  
*Polygala micaensis*, R. & H.  
*Helianthemum halimifolium*, L. (234)  
     "    *guttatum*, L. (240)  
     "    *plutinosum*, Pers.  
*Cistus ladaniferus*, L. (42)  
     "    *populifolius*, R. (42!!)  
     "    *salviaefolius*, L. (8)  
     "    *arbitus*, L. (144)  
     "    *marrubienensis*, L. (71)  
*Lesaea arba*, L.  
     "    *luteola*, L. ?

- Biscutella apulla*, L. (241, 53,  
*Alchemilla maritimum*, Lam.  
*Nicotiana glauca*, R.Br. (223)  
*Capsella Bursa-pastoris*.  
*Fumaria capnoloba*, L.  
*Capraea hybridum* L. (302, 195)  
 " *Tauricolum*, Boiss (183)  
*Ranunculus trilobus*, Dief.  
 " *Chaerophyllum*, L. (VI)  
 " *acris*, L. (77)  
 " *aquaticus*, L. (114)  
*Anemone palmata*, L.  
*Ranunculus muricatus*, L. (187)  
*Nigella Hispanica*, L. v. *intermedia*, Cass. (284)  
 " *Damascena*, L. (263)  
*Cotyledon Hispanica*, L.  
 " "var. *Salzmanni*, Ball. (238)  
*Sedum hispidum*, Dief.  
*Cotyledon Umbilicus*, Sm.  
 " *horizontalis*, L.  
*Plantago Psyllium*, L. (306)  
 " *macrocarpa*, Poir. (92)  
*Lavandula Stoechas*, L. (236) (62)  
*Thymus villosus*, L. (200)  
 " *Munbyanus*, B & K. (303)  
*Salvia bicolor*, L. (254)  
*Orobancha pruinosa*, Lagr.  
*Bartsia viscosa*, L. (160)

- Anarrhinum pedatum*. Desf. (294)  
*Linaria ventricosa*, Cass? (183)  
*Antirrhinum majus*. L. (80)  
     " *montium*, L. v. *grandiflora*. Chaer. (78)  
*Triguera ambrosiaca*, Cass.  
*Calystegia sepium*. L. (232)(233) 237  
*Cochlosanthus althaeoides*. L.  
     " *tricolor*, L. (234)  
*Cuscuta planiflora*. Ten. (247)  
*Echium angustifolium*, Lam. (232)  
*Synoplocosum pictum*. Ait. (231)  
*Serimthe major*, Lam. (192)  
*Aechmea undulata*, L.? (51)  
*Chioa perforata*, L. v. *mascuriensis*, Desf. (182)  
*Erythraea Centaurium*. L. (285)(200)  
*Yucca media*, Lk.  
*Nerium Oleander*, L. (221)  
*Anafalis avensis*, var. *latifolia*. Lx.  
     " *collina*, Sch. (62)  
     " *avensis* L. (205)(45)  
*Armeria mauritanica*. Wahl. (202)(111)  
*Statice Thouini*, Viv. (272)  
     " *sinnata*. L. (270)  
*Calluna vulgaris* L. (21)  
*Erica umbellata*. L. (235)  
     " *australis*. L. (12)  
     " *arbores*. L.  
*Campamula Loeftlingii*, Brot. (295)

- Iasione cornuta*, Gall. (237)  
*Anthemis punctata*, Vahl. (150)  
*Chrysanthemum coronarium* L. (274)  
*Catananche lutea* L. (307)  
*Buphthalmum aureum*, Salzm. (196)  
*Odonospermum aquaticum* L.  
*Carduus myriacanthus*, Salzm. (275)  
*Galactia tomentosa*, Mch.  
*Leontodon tuberosus*, L. (103)  
*Urospermum Dalechampii*, L. (108)  
*Toipis barbata*, Gaertn. (218)  
*Centaurea pullata* L. (174) (19)  
*Bellis annua*, L. (140)  
*Chrysanthemum segetum* L.  
*Eichorium Intybus*, L. (266)  
*Scabiosa stellata* L. (283)  
     "    *maritima* L. (204) (238)  
*Fedia Cornucopiae*, L. (47) (193)  
*Centranthus Calcitrapa* L. (104)  
*Galium Saecnanatum* All.  
*Lonicera etrusca*, Santi. (65)  
*Oleis aquilina* (118)  
*Polypodium vulgare*, L. (113)  
*Adiantum Capillis-veneni* (99, 55, 248)  
*Silva saxatilis*, Duf. (240)  
*Homus macrostachys*, Desf. (253)  
     "    *rubens* L. (251)  
     "    *tectorum* L.

- Asplenium adiantum nigrum*, L. (13. 153)  
*Sepioidia denticulata*, J. M. (46)  
*Cynosurus aureus* L. (280) (170)  
*Lagurus ovatus*, L. (228)  
*Stipa aristella* L. (2)  
*Avena barbata*, Desf. (245)  
*Astilops ovata*, L. (252)  
*Dolium perenne*, L. (250)  
*Melica minuta*, L. (203)  
*Ammophila arenaria* L. (226)  
*Trisetum panicum*, Lam. (221) (257)  
*Festuca arundinacea* Schum. (111)  
*Cynosurus echinatus*, L. (217)  
*Pleochorus palustris*.  
*Chaenactis humilis*, L. (62)  
*Oenothera lamarckiana*, L. (98)  
     "    *maritima*, L.  
*Apocynum androsaemifolium*, L. (64)  
*Allium nigrum*, L. (97)  
*Asphodelus cerasiferus*, J. Gay. (15)  
*Allium triquetrum*, L.  
*Gladiolus segetum* Garb. (215)  
*Orchis latifolia*, L. (213)  
*Juncus humilis*, Lam. (309)  
*Urtica pilulifera*, L.  
*Arctostaphylos uva-ursi*, L. (212)  
*Rumex thyrsoides*, Desf. (254)  
     "    *bicephalanthus*, L. (23. 27.)  
*Polygonum maritimum*, L.  
*Chenopodium murale*, L.  
*Parietaria argentea*, Lam.

C. J. Piper. Seattle, Wash.

Determined Feb. 23, 1893.

242. *Sidalcea Gregana*, Gray.  
 723. " *glaucescens*, Greene.  
 1132. *Mniophyllum spicatum*, L.  
 676. *Ancaphalis margaritacea*, B. & H. (usually rust)  
 1130. *Epilobium halleanum*, Tauss. (fide Fulecar)  
 990. *Carex Sitchensis*, Prescott.  
 991. " *riparia*, Britton.  
 1005. " *cryptocarpa*, C. A. Meyer.  
 1097. *Fisetum cernuum*, Fin.  
 1137. *Festuca tenella*, Willd.

B. F. Bush.

Missouri,

Feb 23 to March 1, 1893.

1. *Smilax scirrhata*, Watson.
2. *Urtica frandiflora*, Smith.
3. *Rosa humilis*, Marsh.
4. *Lespedeza violacea*, Pursh.
5. " *reticulata*, Pursh.
6. *Gerardia tenuifolia* Vahl., var. *asperula* G.
7. *Oxybaphus nyctagineus*.
8. *Lespedeza reticulata* Pursh.
9. *Erysimum cheiranthoides*.
10. *Hypericum perforatum*.



11. *Rosa humilis*, Marsh.
12. *Polonisia fraveolens*.
13. *Lepidium ruderale*.
14. *Oenothera biennis* L.
15. *Lepidium intermedium*
16. *Erysimum* (putaps *pauiflorum*) *young!*
17. *Lepidium ruderale*.
18. *Smilax ecirrhata*, Wats.
19. *Rosa blanda*, Ait.
20. *Rhynchosia latifolia*, Nutt.
21. " "
22. " "
23. " "
24. " "
25. " "
26. " "
27. " "
28. *Acacia filicina*, Willd.
29. *Bidens frondosa*, L. pubescent.
30. *Umelanthera Canadensis*.
31. *Bidens comata*, var. *comosa*, Gray.
32. *Galactia filosa*, L.
33. " "
34. *Bidens cernua*.
35. *Aster vincinens*, Lam.
36. *Bidens comata*.
37. *Oxybaphus nyctagineus*.
38. " *albidus*, Sweet.

39. *Rosa humilis*, Maudsl.  
 40. *Lilium Superbum* (possibly v. *Carolinianum*)  
 41. *Oenothera biennis* L.  
 42. *Spiranthes praecox*, Walp.  
 43. *Corallophila innata*.  
 44. *Lespedeza violacea*.  
 45. *Utricularia grandiflora*, Smith.  
 46. *Leptidium intermedium*.  
 47. *Lespedeza reticulata*, Pers.  
 48. *Oxybaphus albidus*, Sweet  
 49. *Bidens comata*, near var. *comosa*,  
 50. *Erythraea venusta*!  
 51. *Erigeron annuus* *pratensis*.  
 52. { *Desmodium pauciflorum* DC.  
 53.     "     *cuspidatum*, Torr.  
 54.  
 55.

H. V. Patterson, Igouawka Ill. Mar. 2, 1893.  
 Colo. Plants not in regular Set.

- A. *Phaseolus Virginiana*, Mill.
- B. *Nasturtium Sinuatum*, Nutt.
- C. *Oenothera coronopifolia*, Torr. & Gray.
- D. *Ranunculus affinis*, R. Br.
- E. *Antennaria Rudoviciana*, Nutt.
- F. *Chenopodium olidum*, Watson.
- G. *Senecio vulgaris*, L.
- H. *Sagina nivalis*, Lindl.
- I. *Aceretes auriculata*, Engelm.
- J. *Stellaria longipes*, Goldie.
- K. *Astragalus Shortianus*, Nutt.
- L. *Arenaria biflora*, Watson.
- M. *Rosa Sayi*, Schorr.
- N. *Rosa Engelmannii*, Watson.

C. F. Wheeler, Agricultural College, Mich.  
 March 3, 1893.

- 1. *Aster purpureus*, near var. *laevicaulis*.
- 2. " *pauciflorus*, Willd.
- 3. " *longifolius* Lam.
- 4. " *Ludleyanus* F. & G.
- 5. " *purpureus*, var. *laevicaulis* Gray.
- 6. " *salicifolius*, Willd.

Plants from State College Herb., Pullman,  
Wash. Sent by C. V. Piper.

Det. from Mar 20, to Apr. 7.

- 400. *Aconitum columbianum*, Nutt. (fls. yellowish)
- 401. *Delphinium simplex*, Dougl.
- 402. " *scopulorum*, Gray.
- 404. *Thalictrum venulosum*, Trelease.
- 411. *Ranunculus occidentalis*, Nutt., var. *tenellus*, Gray.
- 414. " *septentrionalis*, Poir.
- 426. *Claytonia sibirica*, L.
- 428 (Union Flat) *Sidalcea campestris*, Greene.
- 428 (Pullman) " *Oregana*, Gray.
- 436. *Trifolium altissimum*, Dougl.
- 438. " *repens*, L.
- 439. *Mentzelia laevicaulis*, D. & G.
- 442. *Jedrea stenopetalum*, Pursh.
- 444. *Ceanothus sanguineus*, Pursh.
- 453. *Impatiens fulva*, Nutt.
- 454. *Downingia elegans*, Torr.
- 455. *Dodocatheon Drummondii*, Wats.
- 457. " *Jeffreyi*.
- 458. *Ribes lacustre*, Poir., (fragmentary)
- 459. " *oxyacanthoides*, L.
- 460. " *aureum*
- 471. *Arabis acunata*, Gray.
- 476. *Rasturtium curvisiliqua*, Nutt.
- 477. " *officinale*, R. Br.
- 479. *Lepidium virginicum*, L.

480. *Stellaria media*, Griseb.  
 82. *Accuraria congesta*, var. *subcongesta*, Watson.  
 83. " *latiflora*, L.  
 98. *Fragaria vesca*, L.  
 500. *Rubus leucodermis*, Dougl.  
 501. " *occidentalis*.  
 104. *Crataegus Douglasii*, Lindl.  
 105. " *coccinea*, L.  
 109. *Spiraea heterophylla*, var. *concolor*.  
 16. *Geum strictum*, Ait.  
 524. *Gayophytum diffusum*, Torr.  
 25. *Epilobium juncundum*, Gray.  
 27. " *adenocaulon*, Haussk.  
 29. " *luteum*, Pursh.  
 535. *Penstemon millefolium*, Watson. (or near it)  
 39. *Valerianella acornola*.  
 40. *Valeriana Ditchensis*.  
 42. *Symphoricarpos occidentalis*.  
 552. *Gentiana affinis*, Griseb.  
 577. *Pedicularis ornithogyncha*, Benth.  
 85. *Gilia liniflora*, Benth., var. *pharmacoides*, Gray.  
 87. " *linearis*.  
 90. " *floccosa*, Gray.  
 94. *Phlox linearifolia*, Pursh.  
 99. *Stachys palustris*, L.  
 603. *Mentha Canadensis*, L.  
 607. *Iris Missouriensis*, Nutt.  
 614. *Potamogeton heterophyllus*, Schreb.

- 6, 8. *Calochortus nitidus*, Dougl.  
 ! 19. *Allium acuminatum*, Hook., var. *cuspidatum*, Fern. n. sp.  
 20. " *cernuum*, Roth.  
 ! 24. " *Hendersonii*, Rob. & Sea, n. sp.  
 28. *Triglochin* (so young that I dare not say what.)  
 31. *Juniperus occidentalis*, Hook.  
 43. *Polygonum polygaloides*, Meisn.  
 54. } *Witica holosericea*, Nutt.  
 " *Lyallii*, Wats.  
 63. *Astragalus lentiginosus*, Dougl. (?) (Fragmentary)  
 64. *Psoralea lanceolata*, Pursh.  
 65. *Astragalus Purshii*, Dougl.  
 "Oxytropis" from Hawaii - is *Astragalus inflexus*, Dougl.  
 67. *Astragalus Mortonii*, Nutt.  
 68. " *conjunctus*, Wats.  
 70. *Gilia minutiflora*, Benth.  
 83. probably a *Godetia*.  
 84. *Ammanium humilis*, Ny.  
 85. *Lesinachia thyrsiflora*, L.  
 86. *Pentstemon Menziesii*, Hook.  
 90. *Stephanomeria paniculata*, Nutt.  
 91. &c. *Aster canescens*, Pursh.  
 93. " *Euglenianus*, Gray.  
 95 &c. *Eigeron filifolius*, Nutt.  
 102. *Orthocarpus hispidus*, Benth.  
 03. " " "  
 05. *Monardella odoratissima*, Benth.  
 06. *Laucais microcarpa*, H. & A.

710. *Pentstemon triphyllus*, Dougl.  
 11. " *venustus*, Dougl.  
 12. " *ovatus*, Dougl.  
 13. " *deustus*, Dougl.  
 15. *Astrucia Ludoviciana*, Nutt.  
 16. *Microseris nutans*, Gray.  
 20. *Aster campestris*, Nutt.  
 24. *Madia dissitiflora*, Torr. & Gray.  
 24. *Astrucia Ludoviciana*, Nutt.  
 25. " " "  
 27. *Troximon laciniatum*, Gray. (?) (Too young)  
 29. *Saillardia aristata*, Pursh.  
 30. *Krynitzkia Californica* (apparently)  
 32. *Bigelovia Douglasii*, var. *laucolata*, Gray.  
 33. " *parvulus*, var. *glabrata*, Gray.  
 35. *Arnica alpina*, Olin.  
 44. *Epilobium adenocaulon*, Haussk.  
 57. *Helianthella Douglasii*, Torr. & Gr.  
 53. *Grindelia nana*, Nutt., var. *discoidea*.  
 55. *Lupinus leucophyllus*, Dougl.  
 56. " *sericeus*, Pursh.  
 57. " " "  
 58. *Lathyrus palustris*, L.  
 94. *Solidago Missouriensis*, Nutt.  
 802. *Eriophyllum caespitosum*, var. *integripolium*, Gray.  
 10. *Lathyrus maritimus*, Bigelorr.  
 11. *Calochortus elephas*, Pursh., var. *nanus*, Wood.  
 12. *Stephanomeria* ~~perma~~ <sup>meria</sup> *virgata*, Benth.

813. *Aster galiaceus*, var. *pubescens*, Gray.  
 14. " " " *Eatonii*, Gray.  
 15. " *campestris*, Nutt.  
 16. " " "  
 17. *Eriogon filifolius*, Nutt.  
 18. *Solidago elongata*, Nutt.

F. L. Stephens. New Brunswick, N. J.

April 19, 93.

*Physalis lanceolata*, Mx.



April 13 - 1893.

Plants from Mrs. Susan Tucker,  
 Cherry, Spokane Co., Wash.

1. *Geranium Carolinianum*. L.
2. *"* *viviparum*
- 3a. *Gentostemon confertus*, Dougl.
- 3b. *Gentostemon flabellatus*, Pursh.
- 3b. *"* *Richardsonii*, Dougl.
4. & 4a. *Potentilla pacifica*, var. *rigida*, Watson.
5. *Potentilla arguta*, Pursh.
6. *Geum strictum*, Ait.
7. *Potentilla anserina*.
8. *Potentilla pacifica*, Dougl., var. *flabelliformis*.
9. *Arnica alpina*, Oliv.
10. *Wyethia amplexicaulis*, Nutt.
11. *Eigeron concinnus*, Torr. & Gray.
12. *"* *chrysopsides*.
13. & 13a. *Eigeron conyobosus*, Nutt.
14. *Bigelovia graveolens*, Gray.
15. *Lupinus sericeus*, Pursh.
16. *Lupinus polyphyllus*, Lindl.
17. *"* *leucophyllus*.
18. *Astragalus* — ? (too young!)
19. *Oxytropis Lambertii* Pursh. (2) (too young!)
20. *Astragalus Mortonii*, Nutt.
21. *Hedysarum decumbens*.
22. *Astragalus lentiginosus*, Dougl.
23. *Vicia Americana*, Muhl.
- 24.

- 25.
- 26.
27. *Polemonium caeruleum*, L.
28. *Eriogonum compositum*, Dougl.
29. *Eriogonum umbellatum*.
30. " *niveum*, Dougl.
31. " *sphaerocephalum*, Dougl.
32. *Clarkia pulchella*.
33. *Phacelia Menziesii*, Torr.
34. *Mimulus luteus*,
35. *Mimulus naschatus*.
36. *Gentiana Oregana*.
37. " *affinis*, Griseb.
38. *Scutellaria galeniculata*, L.
39. *Chaenactis Douglasii*, Hook. & Arn.
40. *Gaillardia pulchella*, Foug.
41. *Ranunculus glaberrimus*, Hook.
42. " *Flammula*, var. *intermedius*, Gray.
43. " *septentrionalis*, Poir.
44. *Delphinium Menziesii*, DC.
45. " *distichum*, Gray.
46. *Clematis ligusticifolia*.
47. *Phlox linearifolia*, Gray.
48. *Collomia grandiflora*.
49. *Tellima pauciflora*.
50. *Trionica scutellata*, L.
51. *Trionica Americana*, Schm.
52. *Collinsia pauciflora*.

53. *Hypericum Scouleri*, Hook.
54. *Philadelphus Gordonianus*.
55. *Laiochortus macrocarpus*, Dougl.
56. *Fritillaria pudica*.
57. *Castilleja miniata*, Dougl.
58. " *pallida*, Nutt.
59. *Silene Spauldingii*, Wats.
60. *Audubertia incana*, Benth.
61. *Monardella odoratissima*, Benth.
62. *Arenaria congesta*, var. *subcongesta*, Wats.
63. *Sphaeralcea mammosa*, Spach.
64. *Prunus demissa*, Walp.
65. *Polemonium pectinatum*, Greene.
66. *Aphyllon uniflorum*.
67. " *fasciculatum*.
68. *Arenaria latriflora* L.
69. *Stellaria longipes*, Goldie.
70. *Heuchera cylindrica*, Dougl.
71. *Nasturtium curvisiliqua*, Nutt.
72. *Sedum Douglasii*, Hook.
73. *Dodecatheon Drummondii*, Watson.
74. *Lewisia rediviva*.
75. *Claytonia Clamissonis*, Esch.
76. *Hesperochiron Californicus*, Wats.
77. *Brodiaea Douglasii*,
78. *Mertensia oblongifolia*.
79. *Sisyrinchium grandiflorum*, Dougl.
- 80.

May 23, 1893.

Plants from Marcus E. Jones, Salt Lake City.

- "Eriogonum obtusum?" = E. brachycarpa, Gray.  
 "Eriogonum auduianum, Mth?" = E. fraudulosum, Mth.  
 "Pentstemon latiseptalus Jones" = P. albidus, Mth.  
 " " dolius Jones" = P. miser, Gray.  
 " " Parryi, Gr., var. imberbis" = P. acuminatus, Dougl.  
 "Xanthoxia floribunda Jones n.sp." = X. piomerata, Gray.  
 "Phacelia salina Jones n.sp." = P. Parryi, Gray.  
 " " demissa?" = P. demissa.  
Eummevauthe foliosa Jones n.sp., is probably a good species near pusilla, with corolla relatively longer, capsules & seeds larger, inflorescence not so slender and elongated.  
Phacelia pinetorum, Jones, near micrantha, but "A" from Willow calyx fruit different.  
 "A Willow Spring" = Downingia pulchella, Torr.  
Townsendia Watsoni, Gray  
Eriogonum Eatonii, Gray.  
 "Bigelovia depressa Gray?" = B. depressa, Gray.  
Eriogonum ciliatum,  
 "Eriogonum leucum n.sp." = E. Nevadaensis, var. pygmaeus  
 " " Nevadaensis?" = E. caespitosus, Mth.  
 " " caespitosus, Mth" = E. tener, Gray.  
 "Aster venustus Jones type" = A. Wrightii, Gray.  
 "Townsendia scapigera?" = T. florifer.  
 "Cymopterus Parryi Jones" = Celopectes Parryi, C. R.

- "*Cymopterus Newberryi* (Wat.) Jones" = *Coloptera*  
 "Potentilla dissecta, var. linearis n. var." = *P. dis.*, var. multisecki.  
*Luesia Kingii*, Wats.  
*Luesia* " var. sericea, n. var. is a fair var.  
 "Astragalus Chamaeleuce var. brachycarpus Jones" =  
*A. Shortianus*, var. brachylobus, Gray.  
 " " " " = *A. glaucus*, Dougl.  
 " " " " = *A. Newberryi*, Gray.  
 "Thompsonia Wat?" is a plant approaching  
*Ericaefolius* & *Purshii*; but pods not so well dev.  
 " " "*Joannis* Jones n. sp." seems a good species.  
 " " "desperatus, Jones" " " " "  
 The unnamed plant from Mescal Mts, is *Dodonaea viscosa*.  
 "*Thelypodium elephas*, Jones n. sp." may be a good species,  
 but is near sagittatum!  
 "Cymopterus Itapensis Jones type"  
 "*Eremocrinum albomarginatum* Jones" is a good  
 new species belonging to the genus *Anthericum*.

May 29. 1893.

For Prof. Trelase.

*Aster ericaefolius*, var. knutii Gr. from Colo.

Plants from Miss Loring.

June 10, '93.

- 116. *Solidago nemoralis*.
- 117. *Erigeron polycephalus*.
- 118. *Solidago nemoralis*.
- 119. " "
- 120. *Hieracium scabrum*.
- 114. *Solidago rufosa*.
- 115. *Rhus copallina*.
- 107. *Minulus inermis*.
- 108. *Campanula rotundifolia*.
- 109. *Mentha Canadensis*.
- 106. *Eupatorium perfoliatum* L.
- 91. *Viburnum dentatum*.
- 136. *Aster diffusus*.
- 128. " *cordifolius*.
- 98. *Verbena hastata*.
- 98½. *Circaea lutetiana*.
- 99. *Achillea Millefolium*.
- 100. *Raphanus Raphanistrum*.
- 101. *Silene Armeria*.
- 102. *Carex monile*.
- 103. *Aster Novi Belpii*.
- 104. *Eriophorum Cyperinum*.
- 105. *Rhus typhina*.
- 129. *Aster linariifolius*.
- 130. *Smilacina racemosa*.
- 123. *Anagallis arvensis*.
- 124. *Labellia inflata*.

- 129½ *Vicia Cracca*.  
 121. *Neuroanthus fascicularis*.  
 122. *Solidago laucolata*.  
 126. *Solidago sempervirens*.  
 127. *Lycopodium complanatum*.  
 128. *Aster dumosus*.  
 71. *Juncus effusus*.  
 72. *Lysimachia stricta*.  
 73. *Viburnum cassinoides*.  
 75. *Polygonum aphiofoliosoides*.  
 76. *Eriophorum gracile*.  
 77. *Melampyrum Americanum*.  
 78. *Sanista tinctoria*.  
 79. *Aralia hispida*.  
 110. *Cypripedium pubescens*.  
 111. " *acaule*.  
 112. *Gerardia purpurea*, var. *laevigata*.  
 113. *Goodyera pubescens*.  
 137. *Aster acuminatus*.  
 85. *Nasturtium Annonacia*.  
 86. *Lysimachia quadrifolia*.  
 82. *Cypripedium acaule*.  
 83. *Eriogonum bellidifolius*.  
 88½. *Maianthemum Canadense*.  
 84. *Patentilla Canadensis*.  
 84½. *Patentilla Norvegica*.  
 31. *Solidago caesia*.  
 132. *Chelone glabra*.

33. *Aster Novi-Belgii*  
 34. ' *Corymbosus*,  
 35. ' *Rocki-Belgii*.

Miss Furbish. Sept 25, 1893.  
*Pieris echinoides*, L.

H.C. Wern. Sept. 22 to 26, 1893.

- 145 *Arabis confinis*. Watson (a frequent form)  
 16 apparently *Arabis confinis*, Wats.  
 16½ *Arabis confinis* Wats.  
 86 Apparently " " "  
 17 *Arabis hirsuta* Scop.  
 92 *Corcopsis senifolia* Mx  
 123 *Senecio vulgaris* L. This has the heads  
 of " " Though slightly  
 pubescent. *S. viscosus* has decidedly  
 larger heads and is densely glandular.  
 125 & 126 *Helianthus giganteus*, L.  
 127 *Androsace fulgida*, Ait.  
 128 " *speciosa*, Wend.  
 121 *Lactuca pulchella*, DC.  
 90 *Centauria nigra*, L.  
 91 " *gacca*, L.  
 122 *Hieracium Gronovii*, L.  
 131 I should prefer to call this *H. Gronovii*  
 Though slightly glandular above



133 *Senecio annuus*, var. *obovatus*

134 " " " "

135 " " " "

136 " " " "

137 " " " "

138 " " " "

139 *Samolus valerandi*, var. *Americanus*.

140 " " " "

141 *Physalis pubescens*, L.

142 *Lagima apetala*, L. (Took the liberty of passing a " " for locality.

143 *Lonicera Sullivanii*, Gray.

93. Dr. Gray has marked a similar specimen

*hirsuta*, approaching *glauca*

96½ *Lonicera hirsuta*, Eaton.

96 " " " "

97 " *Sullivanii*, Gray

94 { " *hirsuta*, Eaton

" *oblongifolia*, Muhl.

95 " *glauca*, Hill.

120 " " "

119 " " "

118 " " "

99 *Labelia leptostachys*, A.D.C.

98 " *spicata*, Lam.

100 " " "

101 " *leptostachys*, A.D.C.

117 *Mentha aquatica*, L. As you will notice in *Lyn. Fl.* Dr. Gray. marks

- Citrata* only a synonym of this
- 115 *Pycnanthemum muticum*, Pers  
var. *pidosum*.
- 116 " *muticum*, Pers.
- 85 *Ribes nigrum*, L.
- 54 *Amelanchier Canadensis* T. & G.  
toward var. *ratnadifolia*, T. & G.
- 55 " *Canadensis*, T. & G.
- 58 " " var(?) *oblongifolia*  
(a large leaved form)
- 63 *Pyrus arbutifolia*, L.
- 64 " " "
- 67 " " var. *melanocarpa*.
- These seem to be determined rightly as regards  
the leaves, but the fruit as you say is  
variable. The species needs careful study.
- 83 *Crataegus coccinea*, var. *macracantha*
- 79 " " "
- 80 " " "
- 84 " *punctata*, Jacq. frequent form
- 82 " *coccinea*, var. *molle*
- 88 " " " "
- 81 " *Tomentosa*, L.
- 86½ " " " "
- 80½ As a guess I should say, *C. punctata*.
- 89 *Diarrhena biennis*. I think this is by all  
means our most polymorphic species.
- 87 *Lycchnis coronaria*, Desr

- 110 *Acinda tuberculata*  
 111 " "  
 112 " "  
 102 *Chenopodium murale*, L.  
 103 " *album*, var. *viride*, Moq.  
 104 " *glaucum*, L.

Plants from California Academy  
 verified and reduced Sept. 27 to Oct 5, 1893.  
 (Utah & Colorado)

*Claytonia parviflora*, Dougl. (no label)

*Madia valida*, Brandg.

*Lupinus pallidus*, Brandg.

*Astragalus Ketherillii*, Jones. (n.sp.)

" *parvus*, Jones. (n.sp.)

" *cicadae*, Jones. (n.sp.)

" *asclepiadoides*, Jones. (n.sp.)

" *desperatus*, Jones. (n.sp.)

*Eriogonum glandulosum*, Nutt.

" *microthecum*, Nutt., var. *rigidum*, Eastwood (n.s.)

*Grayia Beaudesii*, Gray.

*Attipler conjugata*, Watson.

*Eucelia nutans*, Eastwood (n.sp.)

" *Thelypodium aureum*, Eastwood " (n.sp.?)

We have the same thing apparently (Watson  
 108 of the Clarence King Expl.), which Dr. Gray  
 considered sagittatum, though differing from

our other specimens in the broader leaves.  
*Arabis pulchra*, Jones.

*Berberis Fremonti*, Torr.

*Pedicularis centranthera*, Gray.

"*Penstemon Moffatii*, Eastwood" (n.s.p.) is, as suggested, probably a form of *albidus*, Mth.  
 There is a specimen called " " by Dr. Gray which has the anthers oblong, & the sterile filament longbearded.

! *Penstemon Utahensis*, Eastwood (n.s.p.)

*Oenothera alyssoides*, Hook & Arn., var. *minutiflora*, Wats.

" *triloba*, Mth., var. (?) *parviflora*, Watson.

" " *cardiophylla*, Torr" from Moab, S. E. Utah, is *Oe. brevipes* Gr., var. *parviflora*, Wats.

"*Oenothera cardiophylla*, Torr" from Grand Junction, Colo is *Oe. scapoidea*, Mth.

There are two forms of *Oenothera scapoidea* from Grand Junction. The smaller flowered one is *scapoidea*. The larger flowered one var. *purpureascens*.

"*Aster venustus*, Jones" is *A. Wrightii*, Gray.

*Gilia pungens*, Benth.

"*Gilia superba*, Eastwood" (n.s.p.) is *G. subnuda*, Torr.

Compared with <sup>the</sup> type. We have a specimen collected in Utah by A. L. Simon, 1883.

*Forestiera Neo-Mexicana*, Gray.

*Asclepias cryptoceras* Watson.

*Asclepiadoia decumbens*, Gray.

*Asclepias involucrata*, Engelm., var. *tomentosa*, Eastwood.

*Polioanthes incana*, Gray.

*Mentzelia albicaulis*, Dougl., var. *integrifolia*, Eastw.

"*Eremocrinum albomarginatum*, Jones." is probably  
a new species of *Arthericum*. Not a new genus!

*Malvastrum leptophyllum*, Gray.

*Galearia repens*, Eastwood. (n.s.p.)

*Trifolium Brandegei*, Watson.

*Phacelia splendens*, Eastwood. (n.s.p.)

"*Phacelia nudicaulis* Eastwood" (n.s.p.) is identical  
with Dr. Gray's *P. demissa*. Have it from Jones.

*Aquilegia scalcarata*, Eastwood.

From N. A. Stiles. Oct. 7, 1893.

*Tagetes tenuifolia*, Cav.

For Mr. Cameron. " "

*Cannus stolonifera*.

" *paniculata*.

*Rhus copallina*.

*Viburnum dentatum*

Vermont plants from A. J. Gunt. Oct. 7, 1893.

*Scirpus caespitosus*, L.

*Vaccinium corymbosum*, var. *fallidum*.

*Equisetum* —

H. L. Clark Phila. Oct. 9, 1893.

*Calamintha Nuttallii* Bth. from Chicago

For Mr. Peabody.

Sept. Oct. 13, 1893.

*Ocimum Basilicum*, L. (Sweet Basil)

*Barbago officinalis*, L. (Borage)

*Thymus serpyllum*, L. (Thyme)

*Pucedanum graveolens* (Dill)

*Pimpinella Anisum*, (Anise)

For G. S. Miller, jr. Oct. 14.

*Cuscuta tenuiflora*, Eng.

For A. Davidson, Los Angeles, Oct. 17.

*Gilia inconspicua*, Dougl.

Oct. 20 - Nov 1.

Plants from J. H. Horsford.

(1) Collected in Cascade Mts. by Mrs. R. M. Austin

1. *Polemonium carneum*, Gray.
2. *Calochortus* — — insufficient.
3. *Oenothera trichocalyx*, Nutt.
4. *Vancouveria hexandra*, Torr. & Dec.

5.

6. *Allium acuminatum*, Hook.

7. *Brodiaea grandiflora*, Smith.

8. *Pachystima myrsinites*, Raf.

9. *Gutierrezia incisum*, Nutt.

10. *Heuchera cylindrica*, Dougl., var. *alpina*, Wats.

11. *Lupinus sericeus*, Pursh.

12. *Malva* —

13.

14. *Silene campanulata*, Wats., var. *Frederici*, Wats.

15. *Calachortus lilacinus*, Kell.
16. *Lonicera ciliosa*, Dougl.
17. *Allium attenuifolium*, Kell.
18. *Anemone Oregana*, Gray.
19. *Hastingsia alba*, Watson.
20. *Erythronium Hendersonii*, Watson.
21. *Allium Nevii*, Watson.
22. *Grodiaea minor*, Watson.
23. *Iris Hartwegii*, Baker.
24. *Pentstemon heterophyllus*, Rindl.
25. *Pentstemon confertus*, Dougl.
26. *Cypripedium montanum*
27. *Meibomia paniculata*, Don.
28. *Meibomia Sibirica*, Don.
29. *Cisofolium ovalifolium*, Nutt., var. *prolificum*, Watson.
30. *Meibomia alpina*, Don.
31. *Phlox Douglasii*, Hook.
32. *Dodecatheon affreyi*, var. *alpinum*.  
*Lilium Rossianum*, Kell.

(2) Collected by J. single

1. { *Oxalis digynus*, Bth.  
*Allium pauciflorum*, Link & Otto.
2. *Oxalis decaphylla*, (short leaved form)
3. *Oxalis Gussonei*, Turcz. ex. Chav.
- 4.
5. *Oxalis Hernandezii*, D.C.
6. { *Remastylis flava*, Rob. n. n.  
*Allium longirostris*, Gray.
7. *Allium pauciflorum*, Link & Otto.
- 8.

9. *Dolomieu ticherosum*, L.
  10. *Sponsea Mexicana*, Gray.
  11. *Sponsea Mexicana*, Gray.
  12. *Sponsea Mexicana*, Gray.
- Cosmos bipinnatus*, L.

Oct. 31, 1893.

In J. R. Hawley, Orono, Me.

*Eriogonum fasciculatum*, Dth.

*Oleumagne rotata*.

*Gentiana prostrata*.

Nov. 2, 1893.

A. J. Grant, Johnson, Vt.

*Scirpus lacustris*.

*Cicuta maculata*.

*Myriophyllum scaberrimum*,

*Rhynchospora alba*.

*Lycopodium Selago*.

*Muhlenbergia glauca*,

*Scutellaria latifolia*, pubescens

*Aster laevis*, L.

" *salicifolius*, Ait.



Nov. 8 - to 11, 1898.

From John Rolf, Canton, Ill.

1. Carex - apparently staminea, Willd.
2. Carex stricta, Lam., var. decora, Bailey.
3. Carex stricta, Lam., injured by insects.
4. Carex stricta, Lam., var. angustata, Bailey.
5. Carex stricta, Lam.
- 6.
7. Carex stricta, Lam., approaching var. decora.
8. Carex staminea, Willd.
9. Carex stricta, Lam., injured by insects.
10. Carex stricta, Lam., var. angustata, Bailey.
11. Muhlenbergia Willdenovii, Trin. Large diffuse form.
12. Muhlenbergia - a puzzling form between Mexicana & Sylvatica.
13. Aster cnicoides, L., var. villosus, ~~Walt.~~
14. Aster diffusus, Ait., var. thyrsoides, Gray.
15. Aster diffusus, var. bifrons, Gray.
16. Aster diffusus, var. bifrons, Gray.
17. Aster diffusus, Ait., var. thyrsoides, Gray.
18. Aster diffusus, var. thyrsoides, Gray.
19. Aster salicifolius, Ait., var. subasper, Gray.
20. Aster diffusus, Ait.
21. Limbristylis autumnalis, R. & S.
22. Equisetum arvense, L.
23. Aster diffusus, Ait., var. thyrsoides, Gray.
24. Aster diffusus, var. bifrons, Gray.
25. Aster diffusus, Ait., var. bifrons, Gray.
26. Aster salicifolius, Ait., var. subasper, Gray.

27. *Aster diffusus* - form between var. *thyrsoidens* & *biflorus*.
28. *Aster paniculatus*, Lam.
29. *Aster diffusus*, Ait., var. *thyrsoidens*, Gray.
30. *Aster cordifolius*, L.
31. *Aster diffusus*, Ait.
32. *Aster Salicifolius*, Ait. (blue) *paniculatus*, (white)
33. *Sporobolus vaginiflorus*, Vasey. *depauperataeflorus*.
- 34.
- 35.
36. *Aster diffusus*, Ait., var. *thyrsoidens*, Gray.
37. *Aster diffusus*, Ait. - toward var. *biflorus*.
38. *Aster Tridacanthi*, L.
39. *Aster Tridacanthi*, L. Your No 22 of last year should be marked this instead of *paniculatus*, which I then accidentally called it.

Nov. 14-18 1893.

59

from M.C. Werner, Columbus, Ohio.

326. *Solidago ulmifolia*, Muhl. Peculiar form, possibly hybrid.  
 327. " *speciosa*, Muhl.  
 328. *Aster salicifolius*, Ait.  
 329. " " "  
 330. " *Shortii*, Hook.  
 331. " *Novi-Belgii* var. *laevigatus*, Gray.  
 332. " *diffusus*, Ait.  
 333. " *Novi-Belgii*, var. *laevigatus*, Gray.  
 334. " *laevis*, L.  
 5. " *ericoides*, L.  
 6. " *ratone*, Ait.  
 7. " *diffusus* approaching *vicinus*.  
 8. *Solidago ulmifolia*, Muhl.  
 9. *Aster corymbosus*, Ait.  
 40. *Helianthus divaricatus*, L.  
 1. " *hirsutus*, Raf.  
 2. *Stachys aspera*, Michx.  
 3. " " "  
 4. " " <sup>torrid</sup> var. *glabra*, Gray.  
 5. *Stachys aspera*, var. *glabra*, Gray.  
 6. " " " "  
 7. " " " "  
 48. " " " "  
 9. *Aster agerifolius*, Lindl.  
 50. " *Ridleyanus*, Torr. & Gray.  
 51. " "

- ~~27.~~ 352. *Aster Lindleyanus*  
~~28.~~ 53. " "  
~~29.~~ 54. " "  
~~30.~~ 55. " "  
~~31.~~ 56. " "  
~~32.~~ 57. " "  
 33. *Sporobolus vaginiflorus*, Vasey. \ depauperate form.  
 358. *Aster sagittifolius*  
 59. *Aster sagittifolius*  
 3 60. *Aster sagittifolius*  
 61. *Aster sagittifolius*  
 62. *Aster Lindleyanus* toward *sagittifolius*  
 63. " between " & "  
 64. " " " "  
 65. " *Dummosonii* Lindl.  
 66. *Aster sagittifolius* toward *Lindleyanus*  
 67. " " " "  
 68. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.  
 69. " " " *bifrons*, Gray.  
 3 70. *Houstonia missouriensis*, R. & S. ?  
 71. *Valerianella Woodsiana*, Walp., var. *umbilicata*, Gray.  
 72. *Crataegus coccinea*,  
 73. " "  
 74. " "  
 75. " " toward var. *macrocarpa*  
 76. " "  
 77. " "  
 78. " " toward var. *mollis*, Torr. & Gray.

379. *Amelanchier Canadensis*, var. *oblongifolia*.  
 80. *Oenothera biennis*, L., var. *grandiflora*, Lindl.  
 81. " " " "  
 82. *Viola palmata*, L.  
 83.  
 84.  
 85.  
 86. *Aster paniculatus* Lam. ~~80~~ <sup>80a</sup> *Tradescanti*  
 87. *Eupatorium purpureum*, L. *change form!*  
 88. *Senecio aureus*, var. *obovatus*.  
 395. *Solidago serotina*, Ait.  
 96. " " "  
 97. " " "  
 98. " *juncea*, Ait.  
 99. ~~400.~~ " *serotina* var. *gigantea*.  
 1. " *rugosa*, Mill.  
 2. *Aster diffusus*, Ait.  
 3. " *cordifolius*, L.  
 4. " *diffusus*, Ait. monstrous!  
 5. " *paniculatus*, Lam.  
 6. " *patens*, Ait.  
 7. " "  
 8. " " var. *phlogifolius*, Muhl.  
 9. *Bidens cernua*, Muhl., var. *comosa*, Gray.  
 10. " *cernua*, or *comosa* ?  
 11. *Helianthus trachelifolius*, Willd.  
 12. " *decapetalus*.  
 3. *Veronica altissima*, Nutt., var. *grandiflora*, Gray.

414. *Monarda fistulosa*, L. too maib. mollis.  
 415. *Cuscuta Gronovii*, Willd.  
 16. " " "  
 17. " *teniflora*, Engelm.  
 18. " " "  
 529. Small form of *Solanum nigrum*.  
 30. *Myosotis aurea*, Hoffm.  
 31. " " "  
 32. " " "  
 33. *Ilex verticillata*, Gay.  
 34. *Monarda fistulosa*, L.  
 35. " *Clinopodium*, L.  
 36. " " "  
 37. " " "  
 38. *Thymus aureus*.  
 39. *Gentiana quinqueflora*, var. *occidentalis*.  
 40. *Thymus rotundifolia*.  
 41. " *Canadensis*.  
 42. *Campanula rotundifolia*.  
 43. " " "  
 44. " " "  
 45. "  
 46. *Lamium maculatum*.  
 47. an unnamed *Myosotis* from Sugar Grove, is *M. verna*, Nutt.  
 48. *Solidago juncea*,  
 49. " " "  
 50. " *serotina*  
 51. " *juncea*

552. *Myosotis arvensis*, Hoffm.  
 53. *Solidago juncea*  
 54. *Viola pubescens*,  
 55. " " var. *scabriuscula*.  
 56. " " "

Dec. 2, 1893.

- Colorado plants from S. H. Camp, Jackson, Mich.  
 306. *Ranunculus Hookeri*, Repl.  
 256. " *Eschscholtzii*, Schl.  
 239. " "  
 281. " "  
 191. " *secleratus*,  
*Eleocharis ovalis*.

Dec. 5, 1893.

San Bernardino & other plants from Parish.  
*Phacelia bicolor*, Ton.

- Verbena urticaefolia*, L.  
*Collinsia Davidsonii*, Parish.  
 2545. *Phacelia brachyloba*, Gray.  
 " *Fremonti*, Ton.  
 2581. *Astragalus* - near *terrestris* - but fls. smaller, lvs. narrower.  
 2647. *Trifolium gracilentum*, Ton. & H., var. *inconspicuum*, Fraser.

Dec. 7, 1893 -

for A. J. Grant, Johnson, Wt.

- Hypericum ellipticum* - form -  
*Agropyrum violaceum* - form.

Dec. 21. 1893.

Plants from W. A. Davidson, Los Angeles.

2. *Theptanthus heterophyllus*, Nutt.
  1. *Kauleria cristata*.
  3. *Asaekia brachycarpa*, Benth ("Rosus trispicus, Greene")
  4. *Astragalus Mokiaceusis*, Gray.
  5. *Oenothera* sp. -
  6. *Beta vulgaris*, L.
- "Rosus Davidsonii, Greene" is *Asaekia decumbens*, Bth.  
 "Rosus" is *Asaekia rigida*, Bth.



Jan. 3, 1894.

## Vermont plants from N.M. Eggleston.

1. *Myriophyllum scabratum* Michx.
2. *Arabis laevigata* M.
3. *Oxycoccus triflorum*
4. *Salidago bigaurea* var. *Raebii* (P. A. S.)
5. *Utricularia biennis* + " *monticola* -
6. *Vitis aestivalis*
7. *Juncus Sabina* var. *procumbens*.
8. *Rhus incana* & *scutellata*
9. *Aster salicifolius*.
10. *Aster laevis*.
11. *Solidago latifolia*.
12. *Helianthus debilis*, Nutt.
13. *Helopsis scabra*.
14. *Juncus Penn.* & var. *angustifolius*
15. *Diaba incana*
16. *Pycnanthemum lanceolatum*
17. *Viola blanda*
18. *Stellaria borealis*
19. *Rosa humilis*.
20. *Helianthus divaricatus*.
21. *Rumex Fatiencia*.
22. *Rumex Britanica*
23. *Amelanchier oligocarpa*
24. *Callitriche verna*
25. *Aster undulatus*.
26. *Sagittaria variabilis*, var. *obtusata* & *angustifolia*  
& *Alisma Plantago*

- 27  
28  
29  
30 *Lycopodium sabinaefolium*, Willd.  
31 *Equisetum hyemale* (♂ variegatum)  
32 *Lycopodium Delago*  
33 *Astragalus alpinus* & *Rablinisii*  
34 " *Rablinisii*  
35 " "  
*Lycopodium americanum* approaching  
var. fungens.

Jan. 4. 1894.

For J. M. Macoun. (from Vancouver I)  
*Claytonia Chaucissonis* Esch.

Jan. 4. 1894.

Chas. A. Dodge, Port Huron, Mich.

1. To young! perhaps *Carex prasina*?
2. *Eriophorum polystachyon*, var. *latifolium*, Gray.
3. *Carex canescens*.
4. *Carex tenella*, Scribn.
5. *Salix balsamifera*, Bonatt.
6. *Poa flexuosa*, Muhl.
7. *Eriophorum polystachyon*, L., var. *latifolium*, Gray.
8. *Carex cernuata*, var. *cephalantha*, Bailey
9. *Carex polytrichoides*, Muhl.
10. *Carex polytrichoides*, Muhl.
11. *Carex riparis*, Curtis.

2. *Carex stipitata*, Muhl.
3. *Carex Muhlbergii*, Schkuhr.
14. *Patamonotum perfoliatum*, var. *laevicollatum*, Robt.
15. *Cicium cucurbitum*.
16. *Carex vulpinoidea*, Michx.
17. *Carex giliformis*, L., var. *latifolia*, Boeckl.
18. *Carex straminea*, Willd., var. *mirabilis*, Torr.
19. *Epilobium adenocaulon*, Haussk.
20. *Carex straminea*, Willd.
20. *Juncus alpinus*, Willd., var. *viridissimus*, Fries.
21. *Carex straminea*, var. *brevis*, Emery.
22. *Cicuta maculata*, L.
23. *Carex Pseudo-Cyperus*, L., var. *Americana*, Hooker.
24. *Carex lurida*, Wahl.
25. *Eleocharis calycostus*.
26. *Juncus nodosus*, L.
27. *Juncus tenuis*, Willd.
28. *Panicum xanthophyllum*, Gray.
29. *Panicum dichotomum*, L.
30. *Carex retrosa*, Schwein.
31. *Strombus Kalmii*, Gray.
32. *Corobrynum caninum*, R. & S.
33. *Galium cucurbitum*.
34. *Aspidium marginale*, Gracq.
35. *Leopedeza Stuebeli*, Nutt., var. *intermedia*, Watson.
36. *Carex vulpinoidea*, Michx.
37. *Carex lurida*, Wahl.
38. *Helianthus giganteus*, L.
39. *Milium effusum*, L.

40. *Carex filiformis*, L., var. *latifolia*, Boeckl.
41. *Carex filiformis*, L., var. *latifolia*, Boeckl.
42. *Eriophorum polystachyon*, var. *latifolium*, Gay.
43. *Carex polytrichoides* Muhl.
44. *Panicum depauperatum*, Muhl.
45. *Rosa rugeliana*, Watson.
46. *Barbarea vulgaris*, R. Br.
47. *Carex filiformis*, L., var. *latifolia*, Boeckl.
48. *Rosa blanda*, Ait.
49. *Carex stricta*, Lam.
50. *Carex stricta*, Lam.
51. *Carex fusca*, All.
52. *Carex Sartwellii*, Drm.
53. *Rosa blanda*, Ait.
54. *Succaria grandis*, Watson.
55. *Spiranthes simplex*, var. *undulata*, Eng.
56. *Eriophora ciliolata*, Gay.
57. *Rosa blanda*, L.
58. *Galium trifidum*, L.
59. *Carex polytrichoides*, Muhl.
60. *Calamagrostis Canadensis*, Beauv.
61. *Carex Grayii*, Carey.
62. *Festuca nitens*, Willd.
63. *Panicum latifolium*, L.
64. *Neochamaecris*,
65. *Carex Muhlenbergii*, Schkuhr.
66. *Calamagrostis Canadensis*, Beauv.
67. *Panicum latifolium*, L.

68. *Carex sparganoides*, Muhl.
69. *Epilobium coloratum*, Muhl.
70. *Juncus alpinus*, Willd., var. *insignis*, Fries.
71. *Cinna arundinacea*, L.
72. *Carex vulpinoidea*, Michx.
73. *Scirpus pungens*, Vahl.
74. *Potentilla recta*, L.
75. *Salix alba*, L., var. *caerulea*, Koch.
76. " " var. *vitellina*, Koch.
77. *Cupressus Gozmaniae*, Gordon.
78. *Ribocedrus decurrens*, Torr.
79. *Cupressus Lawsoniana*, Mun.
80. *Juniperus Californica*, Beau.
- 81.
- 82.
83. *Eucalyptus niveisicola*, F. Muell.
84. *Acacia* — ? For young!
85. *Eucalyptus globularis*, Lab. (Austrian)
- 86.
87. *Viburnum Tinus*, R. (European)
- 88.
- 89.
90. *Acacia Cyclops*, A. Cunn.
91. *Eucalyptus coriacea*, Ait. (Romanian)
92. *Aquilegia caerulea*, Torr.
93. *Thermopsis rhombifolia*, Rich.
94. *Potentilla glandulosa*, Lindl.
95. *Castilleja linariaefolia*, Benth.

96. *Stellaria longipes*, Goldie.  
 97. *Sambucus rotundifolia*, var. <sup>reticulata</sup> ~~interjecta~~, Lange.  
 98. *Draba aurea*, Nutt.  
 99. *Antennilla Hyppiana*, Lehm., var. *puberula*, Watson.  
 100. *Antennaria dioica*, Gaertn.  
 101. *Clematis alpina*, var. *occidentalis*, Gray.  
 102. *Dodecatheon Drummondii*, Watson.  
 103. *Aspidium marginale*, Swartz.  
 104. *Habenaria bracteata*, R. Br.  
 105. *Epilobium angustifolium*, R.  
 106. *Penstemon glaucus*, Graham.  
 107. *Saxifraga Lemmonii*, Torr.  
 108. *Juncus Pinus*, L.  
 109. *Suaeda concolor*, Griseb.

June 20-27, 1894. J. S. Braudette.

Plants from Lower California.

*Microstylis ophioglossoides*, Nutt.

" *corymbosa*, Wats.

*Anthusa rosea*, Bth.

*Habenaria filipes*, Watson? *clavicornis*, Lindl. Ex char.

" *Shrevei*, Gray.

" *clypeata*, Lindl. Ex char.

" *diffusa*, R. & G.

" *Lucasaeensis*, Fernald, n. sp.

Feb. 1, 1894 to March 1, 1894.

Plants of the Lumbago Expedition collected  
by C. V. Hartman.

Sonora, 1890.

1. *Sium angustifolium*, L.?
2. *Cnicus Wrightii*, Gray.
3. *Alternanthera dichrysantha*, R. & P.
4. *Philibertia cynanchoides*, Desenc, var. *pubtruncata*, Rob. & Fernald, H. B. K.
5. ~~*Quercopsis*~~ <sup>H. B. K.</sup> *Houttuynia Californica*, Benth.
6. *Abutilon incanum*, Don.
7. *Iresine celosioides*, L.
8. *Porophyllum Secuamii*, Sch. Bip.
9. *Jacquinmontia Pinzleri*, Gray, var. *glabrescens*, Gray?
10. *Arbutus Jalapensis*, HBK.
11. *Andropogon hirtiflorus*, A. N. S.
12. *Marrubium vulgare*, L.
13. (Characeae)
14. *Dalea elbiflora*, Gray.
15. *Hydrocotyle ranunculoides*, L. f.
16. *Lippia nodiflora*, Michx.
17. *Eriogonum Wrightii*, Torr.
18. *Nicotiana trigonophylla*, Don.
19. *Gutierrezia illecebroides*, H. B. K.
20. *Stipa flexuosa*, V. J.
21. *Tragia stylaris* Mull.?
22. *Dalea formosa*, Torr.
23. *Gomphrena vidita*, Kothr.
24. *Phaseolus rotundifolius*, Gray.

25. *Notholacca pinnata*, Taulef.
26. *Cheilanthes lanuginosa*, Nutt.
27. *Eysenhardtia orthoceras*, Watson.
28. *Mercurialis oblongifolia*, Torr.
29. *Gymnogramme Elaeagnifolia*, Holzsch.
30. *Portulaca Humboldtiana*, Triseb.
31. *Rhus ovata*, Nutt.
32. *Hibiscus Coulteri*, Gray.
33. *Juniperus* - sp.
34. *Thelaspium gracile*, Gray.
35. *Ingenhousia triloba*, DC.
36. *Gymnocarpus diandra*, Torr.
37. *Cyperus Schweinitzii*, Torr.
38. ~~*Quercus baccata*, Torr.?~~
38. ~~*Mercurialis oblongifolia*, Torr.~~
39. *Cassia Wislizenii*, Gray.
40. *Polygala scoparia*, A. N. S.
41. ~~*Lespedeza bicolor*, DC.~~ = *Sesbania macrocarpa* Nutt.
42. *Platysa Wrightii*, Gray.
43. *Salvia Scorodoniaefolia*, Torr.
44. *Malvastrum Thunbergii*, Gray, var. *lesiflorum*, Gray.
45. *Lippia Wrightii*, Gray.
46. *Crucianella Californica*, Sch.
47. *Bidens viscosa*, Don.
48. *Lobelia splendens*, Willd.
49. *Synhopappus Rothrockii*, Gray.
50. *Fouquieria splendens*, Engelm.
51. *Morus rubra*, L.
52. *Euscaphis odontolepis*, Engelm.
52. ~~*Passiflora incarnata*, Gray.~~



53. *Gnaphalium leucocephalum*, Gray.  
 54. *Eignon coronarius*, Greene.  
 55. *Heteropogon acuminatus*, Trin.  
 56. *Sclaginella rupestris*, P.H.  
 57. *Euphorbia pilulifera*, L.  
 58. *Galium Wrightii*, Gray, var. *latifolium*, Rob. & Fern, n. var.  
 - 59. *Mentha Canadensis*, L.  
 60. *Muhlenbergia calamagrostidea*, Ait.  
 61. *Naua hispidum*, Gray.  
 62. *Clematis Drummondii*, Don. & Gray  
 63. *Physalis* ~~*glabra*, Benth. ?~~  
 64. *Rivina laevis*, L.  
 65. *Sapindus marginatus*, Willd.  
 66. *Euphorbia Brasiliensis*, Lam.  
 67. *Polygonum segetum*, Ait.  
 68. *Desmodium cinereum*, Gray.  
 69. *Caesalpinia* ?  
 70. *Pectis pilipes*, Gray.  
 71. *Melampodium longicorne*, Gray.  
 72. *Quercus* sp.  
 73. *Lagotis Lemmonii*, Gray.  
 74. *Tillandsia recurvata*, L.  
 75. *Sphaeralcea incana*, Torr.  
 - 76. *Tetramerium hispidum*, Nees.  
 77. *Muhlenbergia calamagrostidea*, Ait.  
 78. *Gilia aggregata*, Spreng.  
 79. *Rhus microphylla*, Engelm.  
 80. *Rhus Canadensis*, Paet., var. *lobata*, Gray.

- 81. *Notholaena sinuata*, Kaulf.
- 82. *Hymenathemum acaesum*, Gray.
- 83. *Fimbristylis capillaris* - Gray.
- 84. *Dodonaea viscosa*, L.
- 85. *Panicum colomum*, L.
- 86. *Aristida Schiediana*, Trin.
- 87. *Andropogon hutiflorus*, Rth.
- 88. *Eriopogon nutans*, Rth.
- 89. *Conoclinium tephrocylla*, Sellow.
- 90. *Porophyllum macrocephalum*, DC.
- 91. *Elytharia tridentata*, Vahl.
- 92. *Alysicarpus pusilla*, L.
- 93. *Mentzelia albicaulis*, Dougl.
- 94. *Verbena polystachya*, HBK.
- 95. *Bidens chrysanthemoides*, Michx.
- 96. *Gaura parviflora*, Dougl.
- 97. *Tephrosia constricta*, Watson.
- 98. *Cyclanthera dissecta*, Vaddini.
- 99. *Pessiflora inaequalis*, Gray.
- 100. *Ingenhousia triloba*, DC.
- 101. *Hedeoma Drummondii*, Benth.
- 102. *Rhus Toxicodendron*, L.
- 103. *Euphorbia colorata*, Engelm.
- 104. *Zinnia pauciflora*, L.
- 105. *Artemisia limosa*, Vahl.
- 106. *Prunus pauciflora*, H.B.K.
- 107. *Eclipta alba*, Vasek.
- 108. *Solanum tuberosum*, L.

- 107. *Elytraria tridentata*, Vahl.  
 108. *Hymenothrix Wrightii* Gray.  
 111a. *Gilia Pringlei*, Gray.  
 111a. *Gilia multiflora*, Nutt.  
 112. *Chilopsis saligna*, Don.  
 113. *Bidens leucantha*, DC.  
 114. *Trinantia juncifolia*, Schreb.  
 115. *Crucella Wrightii*, Gray.  
 116. *Euphorbia orthoceras*, Nutt.  
 117. *Phacelus Wrightii*, Gray. 117a. *P. retusus*, Benth.  
 118. *Dalea diffusa*, Moric.  
 119. *Euscuta Americana*, L.  
 120. *Cheilanthes Lindheimeri*, Hook.  
 121. *Thalictrum Evansii*, Gray, var. *Wrightii*, Gray.  
 -122. *Cedronella Mexicana*, Benth.  
 123. *Clematis Drummondii*, Don, Gray.  
 124. *Guardiola platyphylla*, Gray.  
 125. *Aster canescens*, Pursh, var. *latifolius*, Gray.  
 126. *Zauschneria Californica*, West.  
 127. *Fraxinus pistaciifolia*, Torr.  
 128. *Borwardia triglypha*, Gilson.  
 129. *Stevia Eupatoria*, Willd.  
 130. *Notholaena sinuata*, Nutt.  
 131. *Quercus Wislizeni*, A. DC.  
 132. *Quercus undulata*, Torr. var. *breviloba*, Engelm.  
 133. *Dalea Drummondii*, Rob. & Fern. n. sp.  
 134. *Dalea albiflora*, Gray.  
 135. *Mimosa malacophylla*, Gray.  
 136. *Adolpha infecta*, Neeson.

- 137. *Asclepias Linaria*, Cav.
- 138. *Trumaria tenuella*, Gray.
- 139. *Cuphea Wrightii*, Gray.
- 140. *Washingtonia* sp.?
- 141. *Geranium Mexicanum*, A.D.K.
- 142. *Castilleja tenuiflora*, Kth.
- 143. *Aralia humilis*, Cav.
- 144. *Zauschneria Californica*, Presl.
- 145. *Loeselia glandulosa*, Don.
- 146. *Lycurus phleoides*, A.D.K.
- 147. *Saccharis Bigelovii*, Gray.
- 148. *Pyrgaea glochinata*, A.D.K.
- 149. *Spiranthes Madrensis*, Benth. & Hook.
- 150. *Castilleja aurens*, Cham. & Schl.
- 151. *Tecoma stans*, Juss.
- 152. *Pissiflora inamena*, Gray.
- 153. *Verbena excelloides*, Benth. & Hook.
- 154. *Platanus Wrightii*, Watson.
- 155. *Caesalpinia pulcherrima*, Eratt.
- 156. *Asclepias graecescens*, A.D.K.
- 157. *Macrosiphonia brachysiphon*, Gray.
- 158. *Loeselia glandulosa*, Don.
- ✓ -159. *Jacobinia ovata*, Gray.
- 160. *Stachys coccinea*, Jacq.
- 161. *Aster canescens*, Pursh, var. *latifolius*, Gray.
- 162. *Notolucuma Grayi*, Davenport.
- 163. *Helianthus microphylla*, Prz.
- 164. *Milleria quinqueflora*, L.

- ! 165. *Koeleria cordata*, Presl. ex char.  
 166. *Euphorbia heterophylla*, L.  
 167. *Gonolobus scandens*, L.  
 168. *Echinocystis Wrightii*, Cogn.  
 169. *Oenothera biennis*, L., var. *grandiflora*, Lindl.  
 170. *Panicum bulbosum*, HBK.  
 171. *Notholaena geraniifolia*, Hook.  
 172. *Jatropha cardiophylla*, Muell.  
 173. *Eupatorium pycnocephalum*, Less.  
 174. *Populus monticola*, Pradegee.  
 175. *Martynia fragrans*, Lindl.  
 176. *Hyptis Emoryi*, Torr.  
 177. *Ceanothus luxifolius*, Willd.  
 178. *Arundo Donax*, L.  
 179. *Cuscuta umbellata*, HBK.  
 180. *Eupatorium*?  
 181. (Leaves only)  
 182. *Sambucus Mexicana*, Presl.  
 183. *Perityle deltaidea*, Watson.  
 184. *Hymenoclea monogyra*, Gray.  
 185. *Eclipta alba*, Hook.  
 186. *Euphorbia pilulifera*, L.  
 187. *Lagotis Lemmonii*, Gray.  
 188. *Isotriaena triloba*, DC.  
 189. *Panicum colonum*, L.  
 190. (Leaves only)  
 191. *Caesalpinia*?  
 192. *Sebastiania bilocularis*, Watson.

113. *Ipomoea trifida*, Don, var. *Ipomoea*, Gray.  
 114. *Quisacanthus Thurberi*, Gray.  
 115. *Ipomoea leptotoma*, Torr.?  
 116. *Ipomoea* ~~leptotoma~~ <sup>stellata</sup>, Torr.  
 117. *Aippia purpurea*, Jacq.  
 118. *Pidens heterophylla*, Wt.  
 119. *Stemodia durantifolia*, Swartz.  
 120. *Oxalis Wrightii*, Gray.  
 121. *Abutilon incanum*, Don.  
 122. *Tribiscus Canisii*, Gray.  
 123. *Plumbago scandens*, L.  
 124. *Dodonaea viscosa*, L.  
 125. *Nicotia glauca*, Gray.  
 126. *Scaevola taccada*, L.  
 127. *Philibertia linearis*, Gray.?  
 128. *Ipomoea spongiosa*, Rob. & Fern., n. sp. <sup>ind.</sup>  
 129. *Metastroma argenteum*, Gray.  
 130. *Apodanthera undulata*, Gray.  
 131. *Jacobinia ovata*, Gray.  
 132. *Lycium ~~exsertum~~*, Gray. *retusum*, Rob. & Fern., n. sp.  
 133. *Lesine cilioides*, L.  
 134. *Passiflora Mexicana*, Juss.  
 135. *Xanthoxylum interata*, L.  
 136. *Pectis longipes*, Gray.  
 137. *Ficus Caliscaqua*, Watson.  
 138. (leaves only)  
 139. *Hiraea macroptera*, DC.  
 140. *Mecostema trigonophylla*, Don.

24. *Eriolichia alata*, Watson.  
 25. *Leptocarpus Arizonica*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 26. *Waltheria detonsa*, Gray.  
 27. *Santana invaluata*, L.  
 28. *Eriogon delphinifolius*, Willd.  
 29. *Hesperis spinosa*, HBK.  
 30. *Antigonon leptopus*, Holl.  
 31. *Harwinia Humboldtiana*, Trece.  
 32. *beckesia excelsa*, Benth & Hook.  
 33. *Lycurus phleoides*, HBK.  
 34. *Bouteloua triseta*, Lag.  
 35. *Iresine Schaffneri*, Watson.  
 36. *Eucelia farinosa*, Gray.  
 37. *Acacia filicina*, Willd.  
 38. " *Farnesiana*, Willd.  
 39. *Cuscuta Americana*, L.  
 40. *Dielyptera recurvata*, Less.  
 41. *Notolaena peruviana*, Hook.  
 42. *Abutilon Beilandi*, Gray.  
 43. *Esenbeckia Hartmanii*, Rob. & Fern. n. sp.  
 44. *Olneya tesota*, Gray?   
 45. *Xanthoxylum pterota*, L.  
 46. *Solanum tectum*, Pers.  
 47. *Perezia Thackeri*, Gray.  
 48. *Crossosoma <sup>nauiflora</sup> ~~flaviflora~~*, Rob. & Fern. n. sp.  
 49. *Solanum heterodoxum*, Don.  
 50. (leaves only)  
 51. *Parthenium tomentosum*, DC.?

207. *Lagascea decipiens*, Hms.  
 208. *Cassia Correllii*, Gray.  
 1. *Acacia Cochliacantha*; H. & B.  
 2. ~~*Opuntia tomentosa*, Engelm. var. *fulva*, Hook. & Baker.~~  
 3. ~~*Notholaena sinuata*, Aulch.~~  
 4. *Notholaena ferruginea*, Hook.  
 5. *Notholaena sinuata*, Aulch.  
 6. *Cheilanthes Lindheimeri*, Hook.  
 7. *Sambucus Mexicana*, Presl.  
 8. *Lippia lycoides*, Steud.  
 9. *Ernanis tomentosa*, Jacq.  
 10. *Cheilanthes Pinigleyi*, Davenp.  
 209. *Sporobolus asperifolius*, N. & M. ?  
 1. *Eriodendron acuminatum*, Wats. (petioles very pubescent)  
 2. ~~*Cheilanthes micropogon*, Desv.~~  
 3. ~~*Notholaena nivalis*, Desv.~~  
 4. *Fragaria pictae-olia*, Don.  
 5. *Muhlenbergia arumosa*, Scrib.  
 6. *Bursera gagaroides*, Engler.  
 7. *Acacia filicina*, Willd.  
 8. *Notholaena nivalis*, Desv.  
 9. *Sponaea spongiosa*, Rob. & Fern, n. sp. - *mei* ..  
 10. *Loxelia glandulosa*, Don.  
 210. 1. *Aphonastemon ramocissimus*, DC.  
 2. *Maurandia* ? *gimiculata*, Rob. & Fern, n. sp.  
 3. *Stevia Schaffneri*, Sch. Bip.  
 4. *Erigeron delphinifolius*, Willd.  
 5. *Eriosema diffusum*, G. Don.  
 6. *Couania Mexicana*, Don.



1. *Anisacanthus Thurberi*, Gray.  
 2. *Acacia constricta*, Benth.  
 3. *Jussiaea calycioides*, L.  
 4. *Dalea laevigata*, Gray.  
 5. *Gaudichaudia filipendula*, Juss.  
 6. *Parkinsonia aculeata*, L.  
 7. *Cercia Boottii*, Gray.  
 8. *Solanum elaeagnifolium*, Cav.  
 9. *Erigeron delphinifolius*, Willd.  
 10. *Baccharis theoides*, HBK.  
 11. *Sedum dumholtzii*, Rob. & Fern. n. sp.  
 12. *Mimulus dentilobus*, Rob. & Fern. n. sp.  
 13. *Mimulus glabratus*, HBK. var. *adscendens*, Gray.  
 14. *Aster exilis*, Ell.  
 15. *Samolus Valerandi*, L., var. *repens*, Prandeger.  
 16. *Adiantum capillus-veneris*, L.  
 17. *Asplenium Trichomanes*, L. var. *repens*, Davenport.  
 18. *Celtis reticulata*, Torr.  
 19. *Inula* sp.  
 20. *Leptozyme Arizona*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 21. *Eupatorium pauperculum*, Gray.  
 22. *Notholaena nivea*, Desv.  
 23. *Castilleja tenuiflora*, Bth.  
 24. *Helianthus <sup>Caulis</sup> indigenus*, Krack.  
 25. *Tithonia fruticosa*, Rose.  
 26. *Montanoa patens*, Gray.  
 27. *Senecio Hartwegi*, Benth.  
 28. *Fendlera ruficola*, Eng. & Gray.

200. *Eupatorium collinum*, DC.

1. *Lithospermum*

2. (hepatic)

3. *Acer grandidentatum*, Nutt.

4. *Juniperus flaccida*, Schlecht.

201. *Senecioia lepidophylla*, Spr.

1. *Loranthus spirostylis*, DC. ex Char.

2. *Salvia elegans*, Vahl.

3. *Sedum Mausonianum*, Watson.

4. *Stachys coccinea*, Jacq.

5. *Lucius grisea*, Liebm.

6. *Lucius elocoides*, K.

7. *Dalea Parryi*, Torr. & W.

8. *Garrya ovata*, Benth.

9. *Asplenium Trichomanes*, L., var. *repens*, Davenport.

202. *Eclipta alba*, Hook.

1. *Cheilanthes Lindheimeri*, Hook.

2. *Alnus acuminata*, HBK.

3. *Salvia hypnoides*, Nutt. & Gal.

4. *Pinus Schiediana*, Schl.

5. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.

6. *Sporobolus asperifolius*, L. & M. ?

7. *Peiragimella ripensis*, Spring.

8. *Boottiaena tenuifolia*, Hook.

9. *Datura Meteloides*, DC.

203. *Eryngium Deppianum*, Schl.

1. *Abutilon Texanum*, HBK. var. *Texanum*, Gray.

2. *Silene Thurberi*, Watson.

333. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.  
 4. *Perezia montana*, Rose.  
 5. *Desmodium linearifolium*, DC.  
 6. *Inula fulva*, Liebm.  
 7. " " "  
 8. *Inula oblongifolia*, Torr. var.  
 9. *Rhamnus Californicus*, var. *toментella*, Gray.  
 340. *Arceuthabium* sp.  
 1. *Polypodium thysanolepis*, A. Br.  
 2. "  
 ! 3. *Inula crassifolia*, HBK. ex char.  
 4. "  
 ! 5. *Inula crassifolia*, HBK. ex char.  
 6. *Polypodium laucolatum*, L.  
 7. "  
 8. "  
 9. "  
 340. "  
 1. "  
 2. *Inula* sp.  
 3. "  
 4. *Arctostaphylos pungens*, HBK.  
 5. *Anemone tomentosa*, Nutt., var. *fulva*, Hook. & Baker.  
 6. "  
 7. *Oteris aquilina*, L.  
 8. *Pseudotsuga Douglasii*, Can.  
 9. *Eryngium Dillenianum*, Schl.

- 35/ *Chimaphila maculata*, Pursh.  
 2. *Polygala scaparia*, A. N. S.  
 - 3. *Gerardia Wrightii*, Gray.  
 7. *Rhamnus Californicus*, var. *tomentosa*, Gray.  
 5. *Aucupia tomentosa*, S. Wats., var. *fulva*, Hook. & Baker.  
 6. *Juniperus mexicana*, s. strict.  
 1. *Pellaea atropurpurea*, Link.  
 8. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
 9. *Chilanthus Indicus*, S. Wats.  
 360. *Chilanthus tomentosa*, Link.  
 1. *Notholaena Hookeri*, Eaton.  
 1. *Garrya ovata*, Benth.  
 2. *Aucupia oblongifolia*, Torr.  
 4. *Arceuthobium vaginatum*, Eichl.  
 5. *Dalea racemosissima*, Benth.  
 6. *Cercocarpus parvifolius*, Nutt., var. *paucidentatus*, Wats.  
 1. *Pinus cemoides*, Zucc.  
 8. *Junonia Californica*, Bth.

March 5, 1894.

Ch. V. Piper, Washington &amp; Idaho.

- 1453. *Clematis Douglasii*, Hook.
- 54. " *verticillaris*, DC.
- 55.
- 56. *Aconitum Columbianum*, Nutt.
- 57. *Delphinium bicolor*, Nutt.
- 58. *Delphinium distichum*, Geyer.
- 59. *Myosurus apetalus*, Gray, var. *lepturus*, Gray.
- 60.
- 1. *Ranunculus alismaeifolius*, Geyer.
- 2. " *glaberrimus*, Hook.
- 3. " *septentrionalis*, Pursh.
- 4.
- 5. *Troutvetzia parvifolia*, Nutt.
- 6. *Thalictrum occidentale*, Gray.
- 7. " *venulosum* Trelease.
- 8. *Thalictrum occidentale*, Gray.
- 9. *Anemone nemerosa*, L.
- 10. *Arabis Holbrellii*, Hornem.
- 1.
- 2.
- 3. *Thelypodium laciniatum*.
- 4. *Rasturium curvisiliqua*, Nutt.
- 5.
- 6.
- 7. *Sisymbrium incisum*, Nutt., var. *filipes*, Gray.
- 8. *Platyspermum scapigerum*, Hook.

1477

50.

1. *Thysanocarpus pusillus*.

2.

3.

4. *Trifolium cyathiferum*, Lindl.5. *Trifolium altissimum*, Dougl.

6.

7. *Xathyrus pauciflorus*, Fern. n. sp.

8.

9. *Thermopsis montana*, Nutt.

10.

1.

2. *Astragalus inflexus*, Dougl.3. " *reventus*, Gray?4. *Astragalus Spaldingii*, Gray.5. " *mortoni*, Nutt.

6.

7. *Xenochera cylindrica*, Dougl., var. *glabella*, Wheelock.8. *Mitella trifida*, Graham.9. *Ribes viscosissimum*, Pursh.

510.

1.

2.

3.

4.

5. *Valerianella anomala*, Gray.6. *Valeriana edulis*, Nutt.

1507. *Parietaria Pennsylvanica*.
8. *Urtica holosericea*, Nutt.
9. " " Nutt.
10. *Urtica Lyallii*.
11. *Celtis occidentalis*, L.
12. *Phlox speciosa*, Dougl.
- 13.
14. *Gilia grandiflora*, Gay, var.
15. *Gilia linearis*.
- 16.
- 17.
18. *Gilia gracilis*, Dougl.
19. *Gilia aggregata*, Spreng.
20. *Gilia intertexta*, Steud.
1. *Potamogeton micranthum*, Benth.
2. *Spiraea betulaeifolia*, Pall., var. *corymbosa*, Wats.
- 3.
- 4.
- 5.
6. *Neillia apulifolia*, B. & H.
7. *Pyrus sambucifolia*, S. & S.
8. *Potentilla arguta*, Fusch.
9. *Potentilla gracilis*, Dougl. var. *flabelliformis*,
20. *Pyrus virginiana*, var. *demissa*, (Nutt.)
- 1.
2. *Geum triflorum*, Fusch.
- 3.
- 4.

- 55- *Crataegus coccinea*, var. *maeracantha*, Dudley.  
 6.  
 7. *Poterium annuum*, Nutt.  
 8. *Rosa Fendleri*, Crippin.  
 9. *Rosa Nutkana*, Presl.  
 10. " " var. *hispida*, Fern. n. var.  
 1. *Rosa Fendleri*, Crippin.  
 2-  
 3.  
 4.  
 5.  
 6.  
 7.  
 8.  
 9.  
 10.  
 20  
 1.  
 2.  
 3.  
 4.  
 5.  
 6.  
 7.  
 8. *Fizia cordata*, Koch.  
 9.  
 10. *Eryngium articulatum*, Hook.  
 60.  
 1. *Leptotaenia multifida*, Nutt.  
 2. *Peucedanum ambiguum*, Nutt.



153. *Peucedanum macrocarpum*, Nutt.
4. *Peucedanum Grayi*, C. & R. (?)
- 5.
6. *Peucedanum farinosum*, Geyer.
7. *Peucedanum Geyeri*, Watson.
8. " *simplex*, Nutt.
9. *Lophanthus urticifolius*, Benth.
- 10.
1. *Scutellaria angustifolia*, Pursh.
2. *Aplopappus racemosus*.
3. *Madia filipes*, Gray.
4. *Madia glomerata*, Hook.
- 5.
6. *Lagophylla ramosissima*, Nutt.
7. *Arnica cordifolia*, Hook.
8. " *alpina* ??
9. *Solidago missouriensis*, Nutt., var. *extraria*, Gray.
80. *Solidago elongata*, Nutt.
- 1.
2. *Antennaria luzuloides*, T. & G.
- 3.
4. *Gnaphalium decurrens*, Ives, var. *californicum*, Gray.
5. *Antennaria racemosa*, Hook.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.

1571.

2.

3.

7. *Balsamorhiza sagittata*, Nutt.5. *Wyethia amplexicaulis*, Nutt.6. *Rudbeckia occidentalis*, Nutt.

1.

8. *Helianthella Douglasii*, T. & G.

1.

var. *Erigeron acris*, L., var. *Droebachensis*, Blytt.1. *Erigeron corymbosus*, Nutt.2. *Aster campestris*, Nutt.3. *Aster conspicuus*, Lindl.7. " *integrifolius*, Nutt.,5. *Aster Oreganus*, Nutt.

6.

1.

8. *Senecio lugens*, Rich., var. *exaltatus*, Gray.

1.

" *serra*, Hook.10. *Hieracium Canadense*, L.11. *Erepis intermedia*.12. *Microseris nutans*, Gray.13. *Microseris linearifolia*, Gray.14. *Hieracium Scouleri*, Hook.

15.

16. *Tropimon grandiflorum*, Gray.17. " *heterophyllum*, Greene.18. *Frasera thyrsiflora*, Hook.

16/9. *Foasera albicaulis*, Dougl.

20,

1.

2. *Erythraea Douglasii*. ?

3. *Gentiana Oregana*, Engelm.

4. " *Amarella*, var. *acuta* (nana?).

5.

6. *Mentzelia dispersa*, Wats.

7.

8. *Godetia epilobioides*, Nutt.

9. *Guara parviflora*, Dougl.

20. *Clarkia pulchella*, Pursh.

1. *Epilobium paniculatum*, Nutt., var. *jucundum*, Trelease.

2. *Epilobium adenocaulon*, Haussk.

3. *Gayophytum diffusum*, T. & G.

4.

5. *Alnus rhombifolia*, Nutt.

6. *Pterospora andromedea*, Nutt.

7.

8. *Acer glabrum*, Torr.

9. *Acer glabrum*, Torr. with trifoliate leaves.

40.

1.

2. *Betula occidentalis*, Hook.

3.

4. *Sidalcea campestris*, Greene.

5.

" " " "

6. *Geranium incisum*, Nutt.

1649

1. *Asarum canadense*, Lindl.

2.

1. *Pachystima myrsinites*, Raf.

2.

1. *Hypericum Scouleri*, Hook.

2.

1. *Tonella floribunda*, Gray.

2.

1. *Mimulus Parryi*, Gray.

2.

1. *Synthyris rubra*, Benth.

2.

1. *Pedicularis bracteosa*, Dougl.

3.

1. *Pentstemon Menziesii*, var.

2.

1. *Pentstemon ovatus*, Dougl.

3.

4.

1. *Orthocarpus hispidus*.

2.

1. *Orthocarpus tenuifolius*.

3.

1. *Castilleja pallida*, Kunth.

4.

5.

1. *Brodiaea Douglasii*, Wats.

2.

1. *Trillium pudica*, Spreng.

2.

1. *Trillium petiolatum*, Pursh.

1675.

6.

7.

8.

9.

! 80. *Calochortus flavonaceus*, Frum. n.sp.  
 1. *Calochortus macrocarpus*, Dougl. white!

2.

3.

4.

5. *Allium acuminatum* var. *cuspidatum*.

6. *Corallorhiza innata*, R. Br.

7.

8.

9. *Arenaria congesta*, Nutt.

90.

1. *Mertensia sibirica*, Don.

2.

" *oblongifolia*.

3.

4. *Myosotis verna*, Nutt.

5.

6.

7. *Hydrophyllum capitatum*.

8.

9. *Hydrophyllum occidentale*, Gray.

10.

11. *Hesperochiron pumilus*, Porter.

12.

13. *Lithospermum pilosum*.

140. *Lithospermum pilosum*, Nutt.

15.

16. *Krynitzochia oycarya*, Gray.

17-3. *Echinosperrum Redowskii*, var. *occidentale* -

4.

5. *Arenaria macrophylla*, Hook.

6.

7.

8. *Silene Douglasii*, Hook -

9. *Silene menziesii*, Hook.

10.

1

11. *Claytonia Chamissonis*,

2

3. *Viola canina*, L., var. *adunca*, Gray.

4. *Viola Nuttallii*.

5.

6.

7.

8. *Linum Utahensis*, Wats.

20.

1.

2.

3.

4.

5.

6.

7.

8. *Downingia elegans*, Torr.

9.

30. *Dodecatheon Cusickii*, Greene -

1731.

32. *Dodecatheon cusickii*, Greene.

33.

34. *Woodia oregana*, Eaton

35.

36.

37.

38.

39. *Bromus brizaeformis*, F. & M.

40.

41.

42. *Deschampsia calycina*, Presl.

43.

44. *Danthonia californica*, Bal.45. *Melica bulbosa*, Geyer.

46.

47.

48.

49.

50.

51.

52. *Festuca ovina*, var. *sulcata*, Hackl.

53.

54. *Festuca microstachya*, Nutt.55. *Poa nevadensis*, Vasey.

56.

57. *Koeleria cristata*, Pers.58. *Deschampsia danthonioides*, Trin.

17 59 | *Agrostis exarata*, var. ?

60

61 *Dryoxia purpurascens*.

62 *Stipa viridula*, Trin.

63

64

65

66

67 *Peucedanum Grayi*, C. & R. (millefolium)

68 *Cheilanthes lanuginosa*, Nutt.

69 *Trofimou glaucum*, Nutt.

70. *Corispermum hypophyllum*, L.



April 5, 1894. A -

Plants from Humboldt - Exped.  
coll. by. F. E. Lloyd.

- 369. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.
- 370. *Drymaria gracilis*, Cham. & Schl.
- 1. *Aida diffusa*, HBK.
- 2. *Anoda Thurberi*, Gray.
- 3. *Sphaerulcea Coulteri*, Gray.
- 4. *Ayeria pusilla*, P.
- 5. " "
- 6. *Karwinskia Humboldtiana*, Jucc.
- 7. *Ceanothus brevifolius*, Willd.
- 8. *Rhus Schiediana*, Schl.
- 9. *Rhus Schiediana*, Schl.
- 38. *Dalea diffusa*, Moric.
- 39. *Dalea Parryi*, Torr. & Gray.
- 40. *Acacia filicina*, Willd. var
- 41. *Dalea revoluta*, Wats.
- 42. " " "
- 43. *Dalea ramosissima*, Benth.
- 44. *Crotalaria pumila*, P.
- 45. " " "
- 46. *Lysiloma candida*, Gray.
- 47. *Sedum Humboldtii*, Rob. & Fern. as
- 48. *Oenothera biennis*, L., var. *grandiflora*, Lindl.
- 1. *Houstonia Wrightii*, Gray?
- 2. *Mitracarpum villosum*, Cham. & Schlecht.
- 3. *Salium uncinulatum* DC.
- 4. *Valeriana sobrifolia*, HBK.

## Stevia

- 3, 95. *Eupatorium* *Eupatoria*, Willd.
- 6. *Eupatorium* *pauciflorum*, Gray.
- 7. " *pycnocepalum*, Less.
- 8. *Ulex* *Potamius*, Gray.
- 9. *Aster* *caesescens*, Pursh, var. *viridis*, Gray.
- ! 400. *Peritofe* *Lloydia*, Rob. & Fern. n. sp.
- 1. *Zinnia* *grandiflora*, Nutt.
- 2. *Pectis* *longipes*, Gray.
- 3. *Gracillium* *leucocephalum*, Gray.
- 4. *Artemisia* *Mexicana*, Willd.
- 5. *Senecio* *pro-Mexicanus*, Gray.
- 6. *Leptocyne* *Arizonica*, Gray, var. *pubescens*, Rob. & Fern. n. var.
- 7. " *Arizonica*, Gray.
- 8. *Bidens* *heterophylla*, Ort.
- 9. *Bidens* *laevicaulis*, DC.
- 410. *Gymnoloma* *multiflora*, R. & H.
- 1. " "
- 2. *Baccharis* *sarothroides*, Gray.
- 3. " "
- 4. " *glutinosa*, Pers.
- 5. *Baccharis* *ptarmicaefolia*, DC.
- 6. *Hymenothrix* *Wisligeni*, Gray.
- 7. *Hymenothrix* *Wisligeni*, Gray.
- 8. *Trigonospermum* *adenoxetmonoides*, Less.
- 9. *Perezia* *montana*, Rose.
- 420. *Guardiola* *platyphylla*, Gray.
- 1. *Brickellia* *florivunda*, Gray.
- 2. *Brickellia* *Rusbyi*, Gray. form.

423. *Lobelia graminia*, Sav.  
 4. *Arctostaphylos pungens*, HBK.  
 5. *Fraxinus pistaciifolia*, Torr., var.  
 6. *Loeselia ciliata*, L.  
 7. *Loeselia glandulosa*, Don.  
 8. *Loeselia glandulosa*, Don.  
 9. *Sponoaea spongiosa*, Rob. & Fern. n. sp.  
 30. *Sponoaea corbellata*, Torr.  
 1. *Sponoaea leptotoma*, Torr.  
 2. " *hederacea*, Jacq.  
 3. *Physalis pubescens*, L.  
 4. *Physalis crassifolia*, Benth.  
 5. *Solanum marum*, L.  
 6.  
 7.  
 8. *Schl.*  
 9. *condens.* Gray.  
 40. *condens.* Gray.  
 1.  
 2.  
 3. *Tetramerium hispidum*, Nees.  
 4. *Lantana involucrata*, L.  
 5. *Verbera Aubletia*, L.  
 6. " "  
 47. *Buddleia lanceolata*, Benth.?  
 8. *Verbera polystachya*, HBK.  
 9. *Salvia elegans*, Vahl.  
 50. *Euphorbia Seemani*, Gray.  
 1. *Salvia rubropunctata*, Rob. & Fern. n. sp.

723. *Lobelia gruinia*, Cav.  
 4. *Arctostaphylos pungens*, HBK.  
 5. *Fraxinus pictaefolia*, Torr., var.  
 6. *Laeselia ciliata*, L.  
 7. *Laeselia glandulosa*, Don.  
 8. *Laeselia glandulosa*, Don.  
 9. *Sponaea spongiosa*, Rob. & Fern. n. sp.  
 30. *Sponaea corbellata*, Torr.  
 1. *Sponaea leptotoma*, Torr.  
 2. " *hederacea*, Jacq.  
 3. *Physalis pubescens*, L.  
 4. *Physalis crassifolia*, Benth.  
 5. *Solanum nigrum*, L.  
 6. *Castilleja tenuiflora*, Bth.  
 7. *Lamourea cordata*, Cham. & Schb.  
 8. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.  
 9. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.  
 40. " *dentilobus* Rob. & Fern. n. sp.  
 1. *Dieliptera resupinata*, Juss.  
 2. *Elytharia tridentata*, Vahl.  
 3. *Tetramecium hispidum*, Des.  
 4. *Lantana involucrata*, L.  
 5. *Verbera Aubletia*, L.  
 6. " "  
 47. *Buddleia lanceolata*, Benth.?  
 8. *Verbera polystachya*, HBK.  
 9. *Salvia elegans*, Vahl.  
 50. *Elyptis Seemani*, Gray.  
 1. *Salvia rubropunctata*, Rob. & Fern. n. sp.

- 452. *Salvia leptoides*, Nutt. & Gal.
- 453. *Stachys coccinea*, Jacq.
- 4. *Gomphrena Sondrae*, Torr.
- 5.
- 6. *Phytolacca octandra*, L.
- 7. *Euphorbia polycarpa*, Benth. var. *vestita*, Watson
- 8. " *albomarginata*, Fols.
- 9. *Euphorbia* ~~*stenophylla*, Benth.~~ *adenophylla*, Benth.
- 60. " *cuphosperma*, Boiss.
- 1. *Euphorbia subreniformis*, Watson.
- 2. *Euphorbia colocata*, Engelm.
- 3. " *florida*, Engelm.
- 4. *Alnus acuminata*, HBK.
- 5. *Quercus grisea*, Liebm.
- 6. *Quercus oblongifolia*, Torr.
- 7. *Quercus oblongifolia*, Torr.
- 8. *Quercus* sp. = 342
- 9. *Washingtonia* sp. ?
- 10. *Cyperus incompletus*, Link.
- 1. *Eragrostis major*, Hook.
- 2. *Callia pappophoroides*, Kunth.
- 3. *Pinus Montezumae*, Lamb.
- 4. *Pseudotsuga Douglasii*, A.D.
- 5. *Pinus cembroides*, Presl.
- 6. *Juniperus Mexicana*, Schied.
- 7. *Pinus reflexa*, Engelm.
- 8. *Adiantum capillus-veneris*, L.
- 9. *Polypodium thysanolepis*, A. Br.
- 80. *Polypodium lanceolatum*, L.

481. *Ancinmia tomentosa*, Sm. et, var. *fulva*, Hook. & Thos.  
 2. *Gymnogramme Ehrenbergiana*, Klotzsch.  
 3. *Notholaena Hookeri*, Eaton.  
 4. *Gymnogramme triangularis*, Kaulf.  
 5. *Clelea atropurpurea*, Link.  
 6. *Notholaena pinnata*, Kaulf.  
 7. *Notholaena ferruginea*, Hook.  
 8. *Notholaena pinnata*, Kaulf.  
 9. *Notholaena nivea*, Desv.  
 98. *Notholaena nivea*, Desv.  
 1. *Asplenium Dichomanes*, L., var. *repens*, Davenport.  
 2. *Cheilanthes Lindheimeri*, Hook.  
 3. *Cheilanthes Lindheimeri*, Hook.  
 4. *Cheilanthes tomentosa*, Link.  
 5. *Notholaena candida*, Hook.  
 6. *Notholaena Lemmonii*, Eaton.  
 7. *Woodsia obtusa*, Torr.  
 8. *Cheilanthes Wrightii*, Hook.  
 9. *Cheilanthes leudigera*, Swartz.  
 500. " *microphylla*, Swg.  
 1. *Cheilanthes microphylla*, Swg.  
 2. *Cheilanthes Pringlei*, Davenport.  
 3. *Asplenium Lemmingsii*, Baker.  
 4. *Selaginella rupestris*, Spring.  
 5. *Selaginella rupestris*, Spring.  
 6. *Selaginella lepidiophylla*, Spr.  
 7.  
 8.  
 509. *Euphorbia Brasilensis* Lam.?

Prof Alfred Dugès Apr. 16, '94 - May 25.

- No 301. Chachamole ou Cabeza de negro. Nymphaea gracilis, Jucc.  
 287<sup>his</sup> Anoda hastata, Cav.  
 287<sup>qualis</sup> Abutilon trilobatum, Herms.  
 283. "Monacillos" Abutilon striatum, Dicks (cult. from Brazil)  
 α Ayenia Berlandieri, Wats.  
 272. "Encendedor" Gaudichaudia filipendula, Juss.  
 352. Ceanothus azureus, Desf.  
 372. Cardiospermum halicacabum, L.  
 243. "Jicama del cerro" Cratalaria pumila, Ort.  
 245-A "Enajito" Cratalaria incana, L.  
 249. "Yuba de San Marcos" Lupinus bilineatus, Bth.  
 "Frebol" Melilotus parviflora, Desf.  
 "Rifle rouge", Hedysarum coronarium, L. (Int. from Eu.)  
 i. Coloquia pulchella, HBK.  
 243. Phaseolus heterophyllus, Willd.  
 Cassia with "fruit abnormal" C. leptocarpa, Bth.  
 f. "Dalea reflecta?". Dalea alopecuroides Willd.  
 S. "Limoncillo" Dalea citroidora, Willd.  
 257<sup>1</sup> Acacia Eucorymba, Bth.  
 "Tepame" Acacia pennatula Bth.  
 h. "timbe" Acacia filicina, Willd.  
 239 "Tepehuaji" Cassia polyantha, Moc. & Less.  
 x Cotoneaster denticulata, A.D.R.  
 288 "Perla de Cuba" = Herria rosea, Fiana.  
 303. Oenothera rosea, Ait.  
 "Lopezia" L. pumila, Bonpl.  
 308. Lopezia trichota, Schl.

- u Eupragium senatum, Cav.  
 311. "Acocote" Prionoxesidium Watsoni, C. & R.  
 "Ahuecatillo" Garrya laurifolia, Bth.  
 364. "Zarcillo", Bauvaedia hypoleuca, Bth.  
 274. "Yerba del aire" Stevia glutinosa, var. oxyacantha, DC.  
 7 Stevia senata, Cav.  
 9. "Tatalenchó", Gymnospermum corymbosum, DC.  
 fr. "Gordoloba" Erigeron gnaphalioides, HBK.  
 C. "Escobilla" Schkuria Hopkirkia, Gray.  
 475. "yerba de la mula", Stevia salicifolia, Cav.  
 450 "Gordoloba" Gnaphalium semiamplexicaule, DC.  
 7 Gnaphalium Gnengeli, H. & A.  
 426. "Ciéritos" Ageratum corymbosum Zucc.  
 451 "Burros", Senecio heracleifolius, Hemsl.  
 MM Trixis obvallata, H. & A.  
 460A Parthenium lyratum, Gray.  
 "Españadeña" Hymenatherum Greggii, Gray.  
 456. Montanoa patens, Gray.  
 "Fiene", Fraxinus viridis, Mx., var. Beulandieriana, G.  
 Nicotiana = n. trigonophylla, Dunal.  
 105. "Taraumara" Asclepias lanuginosa, HBK.  
 8 Asclepias brachystephana, Eycl.  
 Myrsin - from Orizaba. Parathesis crenulata, H. & A.  
 93. "Frayles", Thereticia Lecotli, DC., var. glabra, DC.  
 207. "Yelera", Gentiana spathacea, HBK.  
 99. "Flor del muerto" Gonolobus atratus, Gray.  
 416.B. Solanum elaeagnifolium, Cav.  
 115. "Mala mujer" Solanum rostratum, Dunal.



- y. Solanum nigrum.  
 376. Russellia retrosa, Greene.  
 114. "Fronadon" Tecoma mollis, HBK.  
 228B. Salvia nana, HBK.  
 228A. Salvia axillaris, Moq. & Less.  
 f. Salvia laucalate, Willd.  
 W. "Le' de yerbabuena" Mentha aquatica, L.  
 "Poles" Mentha amensis, L.  
 313. Aphyllon Dufresii, Wats.  
 325. Plantago Patagonica, Jacq.  
 338 "Moco de pavo" Polygonum Mexicana, Small.  
 335. Rumex crispus, L. "Lengua la vaca".  
 202B. Euphorbia graminea, Jacq.  
 202C Euphorbia euphospemma, Boiss.  
~~HN~~ ~~Salix Humbol~~  
 54 "Batella" Onithopalmum longibracteatum, Jacq.  
 d Radescantia Disgrega, Kth.  
 28. Radescantia cissifolia, Cav.  
 31. "Yrba del pollo" Commelina Virginica, L.  
 34. Cyperus incompletus, Link.  
 34B. Fimbristylis autumnalis, R. & S.  
 ✚ Hilania cenebroides, HBK.  
 Grama Panicum obtusum, HBK.  
 — — Heteropogon contortus, R. & S.  
 K. no 1. Bouteloua hisida, Lag.  
 K. no 2 Setaria glauca, Beauv.  
 † "Camaloti" Panicum Cus-falli, L.  
 C Eragrostis major, Ait.

- 24 *Chloris elegans*, HbK.  
 o. *Paspalum distichum*, L.  
 l. *Chloris virgata*, Swartz.  
 "Maiz de España" *Porghum saccharatum*.  
 g *Muhlenbergia rigida*, Trin.  
 10 " "  
 e. *Polypodium crassifolium*, L.  
 5. *Rotholaena ferruginea*, Hook  
 n " *sinuata*, Hook.  
 3 *Cheilanthes myriophylla*, Desv.  
 m. *Pellaea Seemannii*, Hook.  
 III. *Bignonia buccinatoria*,

The following seed planted in the garden -

- x. a. *Cedrela Dufesi*, Watson. ?  
 2. b. *Mirabilis jalapa*, ?  
 3. c. *Agafrian* (anomalous *Euphorb.*) <sup>*Agave americana*</sup>  
 4. d. *Prionosciadium Watsoni*, C. & R. ?  
 5. e. Grass — near *Chloris*. *Panicum Crus Galli*

April 19. '94.

Prof. Owen Nelson. Laraine, Nyo.

1. *Gnaphalium ramosissimum*, Tob.
2. *Aster Parryi*, Gray. pubescent.  
" *tylochiza*, Torr. & Gr. glabrous -
3. *Chenopodium leptophyllum*, Nutt.
4. to young!
5. *Samolus calycina*, Meyer
6. *Sibbaldia procumbens*, L.
7. *Monolepis chenopodioides*, Moq.
8. *Veronica alpina*, L.
9. *Artemisia dracunculoides*, Pursh.
10. *Gallium sagittata*, Nutt.
11. *Euthamia Euthamiae*, Torr. & Gr.
12. *Arnica latifolia*, Rouq.
13. to young!
14. *Cardamine Breweri*, Watson.
15. *Nasturtium sinuatum*, Nutt.
16. *Sphaeralcea innuana*, Spach.
17. *Oenothera* - to young.
18. *Eriogonum alatum*, Torr.
19. *Oenothera pinnatifida*, Nutt.
20. *Eurotia lanata*, Moq.
21. *Krynitzkia fulvocaulis*, Gray.
22. " *glomerata*, Gray.
23. *Emicua ochrocentrus*, Gray (smooth!)
24. *Emicua undulatus*, Gray, var. *canescens*, Gray.
25. *Salidago elongata*, Nutt.
26. *Tropimorpha glauca*, Nutt., var. *laciniatum*, Gray.
27. *Vesicaria Ludoviciana*, DC.

28. *Helianthus giganteus*, L.  
 29. *Aster foliaceus*, Lindl.  
 30. *Graphalium palustre*, Nutt.  
 31. *Castilleja miniata*, Dougl.  
 32. " "  
 33. *Delphinium dictichum*, Gray.  
 34. *Erigeron ursinus*, Eaton.  
 35. " *pusillus*, Nutt.  
 36. " *glabellus*, Nutt.  
 37. *Galium boreale*, L.  
 38. *Aplopappus asauis*, Gray.  
 39. *Gymnoloma multiflora*, Benth. & Hook.  
 40. *Erigeron glabellus*, Nutt. - apparently -  
 41. *Arnica foliosa*, Nutt. near var. *incana*, Gray.  
 42. *Vesicaria Wardii*, Watson. *Physaria didymocarpa*, Gray.  
 43. *Vesicaria Ludoviciana*, DC.

Tray 1-

1894.

Colorado Plants from S. H. Comp -

- " *Ranunculus Escholtzii*, Schl.  
 2. *Ranunculus Escholtzii*, Schl.  
 3. *Ranunculus Escholtzii*, Schl.  
 4. " *Tracaulis*, Gray.  
 5. *Pedicularis scopulorum*, Gray.  
 6. *Chrysopsis villosa*, Nutt.  
 7. *Castilleja pallida*, var. *septentrionalis*.  
 8. *Castilleja pallida*, var. *septentrionalis*.

9. *Oxycoccus glandulosa*, Nutt.
10. *Sullivantia Oregana*, Watson.
- 11.
12. *Erigeron ursinus*, Eaton (another than ; 3)
13. " *grandiflorus*, Hook., var. *clatior*, Gray.
14. " *salicinus*, Gray, var. *glacialis*, Gray.
15. *Saxifraga caespitosa*, Gray.
16. *Townsendia Rothrockii*, Gray.
17. No young!
18. *Pentstemon glaucus*, Gray.
19. *Arenaria discolor*, Dougl.
20. *Erigeron uniflorus*, L.
21. " "
22. *Potentilla Pennsylvanica*, L.
23. *Cerastium alpinum*, L., var. *Deeringianum*, F. & G.
24. *Trifolium Parryi*, Gray.
25. *Trifolium dasyphyllum*, Fow. & Gr.
26. *Trifolium dasyphyllum*, Fow. & Gray.
27. *Arenaria Norvegica*, Fries.
28. *Trifolium longipes*, Nutt.
29. *Aster canescens*, Pursh, var. *viscosus*, Gray.
30. " " " " "
31. *Chamaectis Douglasii*, var. *alpina*.
32. *Pencedanum fœniculatum*, Nutt.
33. *Pentstemon linarioides*, var. *Sileri*, ? (for security).
34. *Pentstemon caeruleus*, Nutt.
35. " *secundiflorus*, Beath.
36. *Pentstemon glaber*, Pursh.

37. *Epilobium Hornemannii*, Reichenb.  
 38. *Epilobium adenocaulon*, Haussk?  
 39. *Chaenactis stevioides*, Hook & Arn.  
 40. *Succio petraeus* Gray.  
 41. " *aureus* L., var. *compactus*, Gray.  
 42. " " var. *croceus*, Gray.  
 43. " " " " "  
 44. ? ? too scanty.  
 45. *Erigeron concinnus*, Torr. & Gr.  
 46. *Helipodium aureum*, Eastwood.  
 47. *Succio aureus*, L., var. *croceus* - Gray.  
 48. *Aplopappus pygmaeus*, Gray.  
 no number. *Musenium divaricatum*, Nutt.

Chihauhua Plants coll. by Hartman.  
 & Sinaba

570. *Ranunculus Hookeri*, Schlecht.  
 - 1. *Arisaema macraptera*, DC.  
 2. *Lonicera involucrata*, Link.  
 3. *Ilex rubra*, Wats.  
 - 4. *Caesalpinia pulcherrima*, Swartz.  
 5. " *platyloba*, Watson.  
 6. *Diphysa racemosa*, Rose.  
 7. *Lox. Lycopodium micropylus* - fr = *Lignonia requinostylis*, L.  
 8. *Willardia Mexicana*, Rose.  
 9. *Mimosa asperata*, L.  
 20. *Acacia cochleocantha*, Hook.  
 1. *Senecio anienus* L. var. *compactus*, Gray.  
 2. *Ceanothus* sp. *nov. sp.*  
 3. *Bellis orthopoda*, Rob. & Fern. n. sp.  
 4. *Lobelia nana*, HBK.  
 - 5. " "  
 6. *Arbutus glandulosa*, Mart. & Gal.  
 7. *Vaccinium* - ?  
 8. *Arbutus* ?  
 9. *Pimmaria Mexicana*, Lodd.  
 30. *Asclepias setosa*, Benth.  
 1. *Veronica Americana*, Schum.  
 2. *Pinguicula caudata*, Schlecht.  
 3. *Utricularia denticulata*, Benj., ex char.  
 4. *Stemmadenia Palmeri*, Rose.  
 5. *Coccoloba Orizabae*, Lindau, fide Authan.

536. *Sterculia* ?

7. *Ficus radulina*, Watson.
8. *Pinus latiquama*, Engelm.
9. *Pseudotsuga Douglasii*, Engelm.
40. *Pinus Chihuahuana*, Engelm.
1. *Pinus* *Rob. & Fern. n. sp.*
2. *Cupressus Benthani*, Endl.
3. *Spiranthes Jaliscana*, Watson.
4. *Smilacina amplexicaulis*, Nutt.
5. *Spizelia formosissima*, Herb.
6. *Bravoa densiflora*, Rob. & Fern. n. sp.
7. *Tillandsia Pringlei*, Watson.
- 8.
9. *Guazuma tomentosa*, H. & A.
50. *Pinus Arizonica*, Engelm.
1. *Agave (Littaea) ?*
2. *Casimiroa edulis*,
3. *Oreocarya trifoliata*, L.
4. *Tephrosia Schiediana*, Scht.
5. *Anoda Arizonica*, Gay.
6. *Agave Yuccaefolia*, DC.



## Economic Plants Collected by Humboldt.

557. *Brassica sativa*, L.  
 8. *Portulaca oleracea*, L.  
 9. *Arundo donax*, Gray. = *Arundo donax*  
 60. *Eriodendron acuminatum*, Wats.  
 1. *Saximiroa edulis*, Lavorel.  
 2. *Viguiera decurrens*, Gray.  
 3. *Casinos parviflorus*, Willd.  
 4. *Bidens leucantha*, DC.  
 5. *Sarcoba umbellata*, Don.  
 6. *Vitis mollis*, HBK.  
 7. *Amarantus Palmeri*, Watson.  
 8. *Sebastiania* <sup>(?)</sup> ~~*ichthyophora*, Rob. & Fern, n. sp.~~ *Pavoniana*, Mull. Arg. (?)  
 9. *Pinus latiguama*, Engelm.  
 10. *Juniperus tetragona*, Schl.  
 11. *Yucca baccata*, Torr.  
 2. " *macrocarpa*, Engelm.?  
 3. *Agave planifolia*, Watson.  
 4. " *variegata*, Benth.?  
 5. *Agave heteracantha* Juss.?  
 6. *Simulacra recurvata*, L.  
 7. Grass, only leaves.

see also nos. 537, 548, 549, 553, 554, 556, 819

Collected by Hartman,  
Chihuahua, 1891.

13

June 5, 1894

- 578 *Aspidium ~~aspl~~ biglandifolium*. (nobiles)  
9 *Aphyllon fasciculatum*, Gray.  
80 *Androsace occidentalis*, Pursh.  
1 *Sisyrinchium anceps*, Cav.  
2 *Parietaria floridana*, Nutt.  
3 *Castilleja minor*, Gray.  
4 *Quercus hypoleuca*, Engelm.  
5 *Rhamnus Purshiana*, DC.  
6 *Fendlera rupicola*, Engelm. & Gray.  
7 *Alburtus Kalapensis*, HBK.  
8 *Juglans rupestris*, Engelm.  
9 *Rhus toxicodendron*, L.  
! 90 *Viola pteropoda*, Hemsl. ex char.  
1 *Townsendia Wilcoxiana*, Wood.  
2 *Acetostaphylos pungens*, HBK.  
3 *Cerastium Texanum*, Britton.  
4 *Erigeron flaccidus*, Gray.  
5 *Astragalus parvus*, Hemsl.  
6 *Gilia inconspicua*, Dougl., var. *sinuata*, Gray.  
7 *Cercis polyacanthus*, Engelm.  
8 *Castilleja integra*, Gray.  
9 *Euphorbia radians*, Benth.  
600 *Coronaria aurea*, Willd., var. *occidentalis*, Gray.  
1 *Oenothera triloba*, Nutt.  
2 *Actinella odorata*, Gray.  
3 *Evolvulus sericeus*, Torr.  
! 4 *Marsilia mollis*, Rob. & Fern. n. sp.

- 605 *Astragalus Bigelovii*, Gray.  
 6 *Oenothera albicaulis*, Nutt.  
 7 *Malacothrix Fendleri*, Gray.  
 8 *Verbena Xutha*, Lehm.  
 9 *Pectis longipes*, Gray.  
 10 *Ceratophyllum demersum*, L.  
 1 *Eleocharis* — to young  
 2 *Krynitzkia crassiseptala*, Gray.  
 3 *Minulus luteus*, L.  
 4 *Agalla Caroliniana*, Willd.  
 5 *Lesquerella Gordonii*, Watson.  
 6 *Fallugia paradoxa*, Torr.  
 7 *Bulandiera lyrata*, Benth.  
 8 *Rumex hymenosepalus*, Torr.  
 9 *Myosurus Pringlei*, Nutt.  
 20 *Carex occidentalis*, Bailey.  
 1 *Eriogonum flagellare*, Gray.  
 2 *Astragalus Arizonicus*, Gray.  
 3 *Senecio Neo-Mexicanus*, Gray.  
 4 *Linaria Canadensis*, Dumont  
 5 *Salix taraxacifolia*, HBK.  
 6 *Pursh nana*, Nutt.  
 7 *Carpochaete Bigelovii*, Gray.  
 8 *Ceanothus tuxifolius*, Willd.  
 9 *Thelypodium auriculatum*, Wats.  
 30 *Astragalus nothofolius*, Gray?  
 1 *Castilleja sessiliflora*, Pursh.  
 2 *Plantago Virginica*, L.

- 633 *Quercus oblongifolia*, Torr.  
 4 *Dalea polycephala*, Bth.  
 5 *Leonica peregrina*, L.  
 6 *Lupinus Leonensis*, Wats.  
 7 *Cerastium brachypodium*, Robinson.  
 8 *Patentilla subviscosa*, Greene.  
 9 *Asaetes rigida*, Bth., var. *mollis*, Gray.

40

- 1 *Townsendia Wilcoxiana*, H. & A.  
 2 *Ephedra trifurca*, Torr.  
 3 *Nana hispidum*, Gray.  
 4 *Sisymbrium canescens*, Nutt. var.  
 5 *Astragalus triflorus*, Gray.  
 6 *Phacelia caerulea*, Greene.  
 7 *Lepidium intermedium*, Gray.  
 8 *Lepidium intermedium*, Gray.  
 9 *Sisymbrium Cuningianum*, F. & M.  
 50 *Specularia perfoliata*, A. DC.  
 1 *Phacelia Neo-Mexicana*, Thurber.  
 2 *Oenothera rosea*, Ait.  
 3 *Stephanomeria Thurberi*, Gray.  
 4 *Eriogonum Abertianum*, Torr.  
 5 *Sisyrinchium scabrum*, Cham. & Schlecht.  
 6 *Thelesperma gracile*, Gray.  
 7 *Castilleja sessiliflora*, Pursh.  
 8 *Heliotropium Curassavicum*, L.  
 9 *Paspalum distichum*, L.  
 60 *Epilobium Boruplandianum*, Kth. ?

- 661 *Polypogon monspeliensis*, Desf.  
 2 *Jussiaea repens*, L.  
 3 *Asclepias Mexicana*, Cav.  
 4 *Thelictus pauciflora*, Desf.  
 5 *Erythraea calycosa*, Buckl., var.  
 6 *Ranunculus stolonifer*, Hemsl.  
 7 *Asclepias nummularia*, Torr.  
 8 *Pentstemon acuminatus*, Dougl.  
 9 *Euphorbia campestris*, Cham. & Schl., var. *esulaeformis*, Benth.  
 70 *Saileya multiradiata*, Gray, var. *mediculis*, Gray.  
 1 *Pentstemon puniceus*, Gray.  
 2 *Cnicus neo-Mexicanus*, Gray.  
 3 *Argemone platyceras*, Link & Otto.  
 4 *Aster cuneifolius*, Roth.  
 5 *Oenothera Wrightii*, Gray.  
 6 *Sonchus oleraceus*, ...  
 7 *Unquadia speciosa*, Endl.  
 8 *Astragalus Yaguianus*, Wats.  
 9 *Cercopholis Mexicana*, Gray.  
 80 *Ranunculus circinatus*, Sibth.  
 1 *Hieracium sanguinea*, Engelm.  
 2 *Gilia floribunda*, Gray.  
 3 *Erigeron diversus*, Torr. & G., var. *cineus*, Gray.  
 4 *Silene antirrhina*, L.  
 5 *Specularia perfoliata*, A. DC.  
 6 *Phacelia rupicola*, Rob. & Fern. n.sp.  
 7 *Carex involuta*, Rob. & Fern. n.sp. new  
 8 *Lathyrus polymorphus*, Nutt.

- 689 *Nothocordium striatum*, Kunth.  
 90 *Senecio Jolucanus*, DC., var. *modestus*, Sch. Bip.  
 1 *Populus Fremonti*, Wats., var.? *Wislizeni*, Wats.?  
 2 *Geranium incisum*, Nutt.  
 3 *Sisyrinchium bellum*, Wats.  
 4 *Ranunculus Arizonicus*, Lemmon, var. *subaffinis*, Gray  
 (achenes glabrous)  
 5 *Pentstemon campanulatus*, Willd.  
 6 *Rubus Mtkanus*, Moe. & Sess.  
 7 *Aster lepidopodus*, Rob. & Fern. n.sp.  
 8 *Hieracium Fendleri*, Sch. Bip.  
 9 *Gilia floribunda*, Gray.  
 700 *Geum triflorum*, Pursh.  
 1 *Hieracium sanguinea*, Engelm.  
 2 *Aster canescens*, Pursh.  
 3 *Aphyllon fasciculatum*, Gray.  
 4 *Lactuca Ludoviciana*, DC.  
 5 *Lactuca* ~~triflora~~  
 6 *Spiranthes ramentacea*, Lindl. ex char.  
 7 *Pedicularis Canadensis* L.  
 8 *Cornus stolonifera*, Michx.  
 9 *Cardamine hirsuta*, L.  
 10 *Spiranthes velata*, Rob. & Fern. n.sp.  
 1 *Habenaria Thurberi*, Gray.  
 2 *Ceanothus Hartwegi*, Benth.  
 3 *Quercus coccifolia*, A. B. K. ex char.  
 4 *Lithospermum Cobrense*, Greene.  
 5 *Pentstemon barbatus*, Nutt., var. *Torreyi*, Gray.  
 6 *Populus angustifolia*, James.

- 717 *Erythraea calycosa*, Buckl.  
 8 *Maurandia Wislizeni*, Engelm.  
 - 9 *Rhamnus Purshiana*, DC. (petioles short)  
 20 *Pinusappus roseus*, Less.  
 1 *Asclepias tuberosa* L.  
 2 *Dalca scoparia*, Gray.  
 3 *Atriplex acanthocarpa*, Wats. var.  
 4 *Auronia tomentosa*, Torr. (narrow leaved form)  
 5 *Aquilegia chrysantha*, Gray.  
 6 *Riddellia tagetina*, L.  
 7 *Cladothrix lanuginosa*, Nutt.  
 8 *Talinum aurantiacum*, Engelm.  
 9 *Erioforum Wrightii*, Torr.  
 30 *Mouada punctata* L.  
 1 *Erioforum annuum*, Nutt.  
 2 *Mimosa dysocarpa*, Bth.  
 - 3 *Adolphia infecta*, Meisn.  
 4 *Zephyranthes aurea*, Wats.  
 5 *Gonolobus Chihuahuensis*, Gray.  
 - 6 *Valeriana sorbifolia*, HBK.  
 7 *Tigridia Pringlei*, Wats.  
 8 *Salvia Lemmonii*, Gray.  
 v 9 *Lopezia gracilis*, Wats.  
 40 *Oocniodium Thurberi*, Gray.  
 1 *Lepachys Mexicana*, Wats.  
 2 *Linum perenne*, L.  
 3 *Oxybaphus myetaphicus*, var. *oblongifolius*, Gray.  
 4 *Salvia lanceolata*, Willd. (slender form).

- 745 *Silene Pringlei*, Wats.  
 6 *Delphinium scopulorum*, Gray.  
 7 *Sabazia microglossa*, DC., var. *pubescens*, DC.  
 8 *Urtica Brewerii*, Watson.  
 9 *Salvia filiaefolia*, Vahl.  
 50 *Thalictrum Fendleri*, Engelm., var. *Wrightii*, Gray.  
 1 *Thalictrum Hemandegii*, Fausch.?  
 2 *Eupatorium Rothrockii*, Gray.  
 3 *Saxifraga reflexa*, Hook.  
 4 *Munzbergia* sp.?  
 5 *Datura quercifolia*, HBK.  
 6 *Cevallia sinuata*, Lag.  
 7 *Senecio Douglasii*, DC.  
 8 *Gutierrezia Euthamiae*, Torr. & Gray.  
 9 *Bigelovia Wrightii*, Gray.  
 60 *Eriogonum virgatum*, Benth.  
 1 *Mirabilis jalapa*, L.  
 2 *Euphorbia campestris*, Cham. & Schlecht.  
 3 *Tradescantia Disgrega*, Kunth.  
 4 *Euphorbia Plummerae*, Wats.  
 5 *Xanthocephalum Wrightii*, Gray.  
 6 *Hymenothrix Palmeri*, Gray.  
 7 *Gerardia Wrightii*, Gray.  
 8 *Bouvardia triphylla*, Salisb.  
 9 *Anthericum Torreyi*, Baker.  
 70 *Sicyos minimus*, Wats.  
 1 *Talinum pauciflorum*, Nutt.  
 2 *Thalictrum pinnatum*, Watson.



- 77 3 *Sicyas collinus*, Rob. & Fern. n. sp.  
 4 *Begonia gracilis*, HBK., var. *Maiana*, A.D.C.  
 5 *Brickellia Lemmonii*, Gray.  
 6 *Salvia subincisa*, Benth.  
 7 *Gynandromia multiflora*, Bth.  
 8 *Artemisia dracunculoides*, Pursh.  
 9 *Dalea filiformis*, Gray.  
 80 *Eriogonum atrorubens*, Engelm.  
 1 *Centaurea Amnicola*, Nutt.  
 2 *Brickellia Rusbyi*, Gray.  
 3 *Polygala Chihuahuensis*, Rob. & Fern. n. sp.  
 4 *Silene Thurberi*, Watson.  
 5 *Geranium* ~~*Mexicanum*, HBK.~~ <sup>*Niblizense*, Watson.</sup>  
 6 *Prionosciadium Madreense*, Wats.  
 7 *Brickellia simplex*, Gray.  
 8 *Thalictrum Fendleri*, Engelm. var. *Wrightii*, Gray.  
 9 *Aegopogon gracilis*, Vasey.  
 90 *Panicum bulbosum*, HBK.  
 1 *Geranium caespitosum*, James.  
 2 *Linum multicaule*, Hook.  
 3 *Muhlenbergia Beclaudicii*, Trin. ?  
 4 *Cosmos parviflorus*, HBK.  
 5 *Stevia salicifolia*, Cav.  
 6 *Saura suffulta*, Engelm.  
 7 *Sisymbrium* <sup>*virginicum*</sup> ~~*virginicum*~~ *Schaffneri*, Wats.  
 8 *Crucra subulata*, Gray.  
 9 *Erysimum asperum*, DC.  
 800 *Thelypodium linearifolium*, Wats.

- 801 *Euphorbia dentata*, Mx., var. *lasiocarpa*, Boiss.  
 2 *Promus ciliatus*, L.  
 3 *Epicaurpes rigens*, Benth.  
 4 *Thelypodium micranthum*, Wats.  
 5 *Agropyrum divergens*, Nees.  
 6 *Croton corymbulosus*, Engelm.  
 7 *Riddellia tagetina*, Mtt.  
 8 *Cheopodium album*, L.  
 9 *Parthenium incanum*, HBK.  
 810 Fungus on *Asclepias brachystephana*, Engelm.  
 1 *Maximowiczia Lindheimeri*, Cogn., var. *tenuisepta*, Cogn.  
 2 *Encelia ablouga*, Rob. & Fern. n. sp.  
 3 *Frauseria nivea*, Rob. & Fern. n. sp.  
 4 *Panicum leucophacum*, HBK.  
 5 *Cenchrus tribuloides*, L.  
 6 *Asclepias longicornis*, Benth.  
 7 *Pectis angustifolia*, Torr.  
 8 *Sisymbrium caesceus*, Mtt.  
 9 *Promus Caroliniana*, Ait.

65 species

A. Dugès.

July 9, 1894.

472. "Capitaneja"

Peckesia sphaerocephala, Gr.

303.

Sama villosa, Torr.

"Anacahuitz"

Ehretia elliptica, DC.

H. Fér.

Senecio salignus, DC.

H. Mss.

Hyptis alba, HBK.

July 14.

Mrs. D. H. Sheldon. Plants from various  
parts of Central Mexico.

1. Aspidium patens, Swg.
2. Cheilanthes microphylla, Swg.
3. Gymnogramme pilosa, Moq.
- 4.
5. Gymnospermum corymbosum, Gray.
6. Eucinde lobata, Gray.
7. Stachys Drummondii, Bth.
8. Antigonon cinerascens, Mart. & Gal.
9. Sabal Mexicana, Mart.
10. Vitex mollis, HBK.
11. Gynonima cotinifolia, HBK.
12. Convolvulum farinosum, HBK.
- 13.
14. Stebania longifolia, DC. exchar.
15. Leucaena pulverulenta, Bth.
16. Cassia occidentalis, L.
17. Crotalaria eriocarpa, Bth.

18. *Senecio salignus*, DC.
19. *Loranthus calyculatus*, DC.
20. ~~*Pithecellobium aureum*, Bth.~~  
~~*Mimosa baccharis*, Bth.?~~
21. *Cevalia pinnata*, Lag.
22. *Humilia patens*, Jacq.
23. *Malvaviscus arboreus*, Cav.
24. *Echinopteryx lappula*, Juss.
25. *Bidens odorata*, Cav.
26. *Fithonia tubaeformis*, Cass.
27. *Lamaceus*?
28. *Hypochaeris pentachæta*, DC.
- 29.
30. *Acacia Farnesiana*, Willd.
31. *Prosopis juliflora*, DC.

51. *Parthenium ligatum*, Gray.
52. *Pithecellobium cinereum*, DC. ex char.
53. *Sphaeralcea Fendleri*, Gray.
54. *Eupatorium monanthum*, Sch. Bip.
55. *Euphorbia adenoptera*, Persl.  
" *albomarginata*, T. & G.
56. *Lopezia hirsuta*, Juey.
57. *Vibex mollis*.

Without numbers -

*Jasminum grandiflorum* L.

*Rosa*

*Melia azadiract*, L.

*Eupatorium monanthum*, Sch. Bip.

- Crucra brachyphylla*, Ch. & Schl.  
*Cuscuta thymum* *Parthenium*, Pers.  
*Cresme interrupta*, Bth.  
*Verbena Aubletia*.  
*Mimblembagia pandis*, Juss.  
*Ipomoea puncticulata*, Bth.  
*Gymnosperma conynbosum*, Hay.  
*Lantana velutina*, M+B.  
*Plumbago scandens*.  
*Bougainvillea spectabilis*, Juss.  
*Lantana horrida*, HBK.  
*Calceolifolia*, DC.  
*Eupatorium Bigelovii*, Hay.  
     "    *Schaffneri*, Sch.Bp.  
     "    *quadricaulis*, DC.  
*Citrus aurantiacum*, L.  
*Guandesia viridiflora*, Baker. ?  
*Colerodinum incanum*, L.  
     "

L.B. Parish.

Oct. 18, 1894.

2990. *Populus angustifolia*, James  
 3228. *Stephanomenia myrioclada*, Eaton  
 3064. *Silene platyota*, Nats. = 1799.  
 3014. *Viola canina*, var. *adunca*, Gray.  
 3116. *Mimulus Fremonti*, Gray = 116.  
 3222. *Gadetia Trulla*, Nats.  
 3311. *Lupinus Grayi*, Nats.  
 3398. *Viola canina*, var. *adunca*, Gray.  
 3411. *Delphinium Lesperianum*, Gray  
 3310. probably *Trifolium Rushyi*, Greene.  
 3392. *Mimulus Fremonti*, Gray.  
 3351. *Shepherdia caupestris*, Nats.  
 3249. *Limnoscilla aquatica*, L., var. *tennifolia*, Hoffm.  
 3247. *Keymizelia Californica*, Gray.

Oct. 23, - Nov. 10, 1894.

Heavy Auxiliary Expedition - 1894

1. *Epilobium angustifolium*, L.
2. *Festuca ovina*, L., var. *brevifolia*, Vats.
3. *Trisetum subspicatum*, Beauv., var. *molle*, Gray.
4. *Calamagrostis phragmitoides*, Hartm.
5. *Hierochloa alpina*, R. & S.
6. *Eriophorum Schenckii*, Hoppe.
7. ~~*Betula nana*, L.~~ *Eupetrum nigrum*, L.
8. *Betula nana*, L.
9. *Polygonum viviparum*, L.
10. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
11. *Thymus officinalis*, Weber.
12. *Sibbaldia procumbens*, L.
13. *Raphanus Raphanistrum*, L.
14. *Stellaria media*, Cyrillo.
15. *Papaver nudicaule*, L., var. *aetivum*, Elkan.
16. *Draba incana*, L., var. *confusa*, Poir.
17. *Dryas octapetala*, L., var. *integifolia*, Ch. & S.
18. *Potentilla nivalis*, L.
19. *Oxyria digyna*, Hill.
20. *Antennaria alpina*, Gaertn.
21. *Cassiope tetragona*, Don.
22. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
23. *Vaccinium uliginosum*, L., var. *mucronatum*, Widen.
24. *Saxifraga tricuspidata*, Retz.
25. *Epilobium latifolium*, L.
26. *Polygonum viviparum*, L.

27. *Diapensia Lappunica*, L.
28. *Carex rigida*, Gooden., var. *Goodenovii*, Bailey.
29. *Eriophorum Scheuchzeri*, Hoppe.
30. *Hieracium alpinum*, R. & S.
31. *Cystopteris fragilis*, Bernh.
32. *Aspidium spinulosum*, Brz., var. *dilatatum*, Hook.
33. *Stellaria longipes*, Goldie, var. *Edwardsii*, Wats.
34. *Silene acaulis*, L.
35. *Lycopus triflorus*, R. Br.
36. *Cystopteris fragilis*, Bernh.
37. *Aspidium adnigrum*, Swartz.
38. *Hieracium alpinum*, R. & S.
39. *Empetrum nigrum*, L.
40. *Saxifraga tricuspidata*, Retz.
41. *Cassiope tetragona*, Don.
42. *Pyrola rotundifolia*, L., var. *pusilla*, Hook.
43. *Potentilla frigida*, Vill.
44. *Papaver nudicaule*, L., var. *acticum*, Elkar.
45. *Lycopus triflorus*, R. Br.
46. *Cerastium alpinum*, L.
47. *Stellaria humifusa*, Roth.
48. *Alopecurus alpinus*, Sm.
49. " "
50. *Lycopodium Selago*, L.
51. *Carex scirpoides*, Michx.
52. *Equisetum arvense*, L.
53. *Empetrum nigrum*, L.
54. *Betula nana*, L.



55. *Bartsia alpina*, L.
56. *Pedicularis hirsuta*, L.
57. " *Laugsdorffii*, Fisch., var. *lanata*, Gay.
58. " *flammea*, L.
59. *Therstesia maritima*, Don.
60. *Diapensia Lappouica*, L.
61. *Vaccinium uliginosum*, L., var. *mucronatum*, Hudson
62. *Cassiope tetragona*, Don.
63. *Pyrola rotundifolia*, L., var. *pusilla*, Hook.
64. *Rhododendron Lappouicum*, Wahl.
65. *Armeria vulgaris*, Willd.
66. *Saxifraga tricuspidata*, Retz.
67. " *caespitosa*, L.
68. " *oppositifolia*, L.
69. *Dryas octapetala*, L., var. *integrifolia*, C. & S.
70. *Potentilla nivalis*, L. (*P. Vahliaua*, Lehmann.)
71. *Silene acaulis*, L.
72. *Arenaria peptoides*, L.
73. *Papaver nudicaule*, L., var. *austriacum*, Elkan.
74. *Cerastium alpinum*, L.
75. *Pedicularis Laugsdorffii*, Fisch., var. *lanata*, Gay.
76. *Cerastium alpinum*, L.
77. *Anabis alpina*, L.
78. *Ranunculus nivalis*, L.
79. *Saxifraga caespitosa*, L.
80. " *oppositifolia*, L.
81. *Dryas octapetala*, L., var. *integrifolia*, C. & S.
82. *Potentilla nivalis*, L. (*P. Vahliaua*, Lehmann.)

83. *Silene acaulis* L.
84. *Papaver nudicaule*, L., var. *aeticum*, Elkan.
85. *Anemone alpina*, Olin.
86. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
87. *Cassiope tetragona*, Don.
88. *Rhododendron Lapponicum*, Wall.
89. *Vaccinium uliginosum*, L., var. *mucronatum*, Weder.
90. *Bryanthus asifolius*, Gray.
91. *Pedicularis Langesdoffii*, Fisch., var. *lanata*, Gray.
92. " *hirsuta* L.
93. " *Lapponica*, L.
94. *Cypripedium acaule*, Hill.
95. *Polygonum viviparum*, L.
96. *Deschampsia alpina*, R. & S.
97. *Cystopteris fragilis*, Bernh.
98. *Cerastium alpinum*, L.
99. *Saxifraga oppositifolia*, L.
100. *Montella nivea*, L. (*P. Vahlana*, Lehm.)
101. *Phippia algida*, R. Br.
102. *Cerastium alpinum*, L.
103. *Luzula acuminata*, Meyer.
104. *Carex nardina*, Fries.
105. *Cypripedium acaule*, Hill.
106. *Cassiope tetragona*, Don.
107. *Silene acaulis*, L.
108. *Papaver nudicaule*, var. *aeticum*, Elkan.
109. *Dryas octopetala*, L., var. *integrifolia*, C. & S.
110. *Saxifraga oppositifolia*, L.

111. *Deschampsia brevifolia*, R. Br.
112. *Poa cenisca*, All.
113. *Actagrostis latifolium*, Ledeb.
114. *Carex rigida*, Good. var. *Goodenovii*, Bailey
115. " *misandra*, R. Br.
116. *Eriophorum polystachyon*, L.
117. " *Scheuchzeri*, Hoppe.
118. *Tofieldia palustris*, Huds.
119. *Cypera digyna*, Hill.
120. *Polygonum viviparum*, L.
121. *Vaccinium uliginosum*, L., var. *mucronatum*, Heider.
122. *Armeria vulgaris*, Willd.
123. *Cassiope tetragona*, Don.
124. *Saxifraga cernua*, L.
125. *Montia fontana*, L.
126. *Saxifraga oppositifolia*, L.
127. *Epilobium latifolium*, L.
128. *Dryas octopetala*, L., var. *integrifolia*, C. & S.
129. *Silene acaulis*, L.
130. *Papaver nudicaule*, var. *arcticum*, Elkan.
131. *Lychnis apetala*, L.
132. *Cerastium alpinum*, L.
133. *Stellaria longipes*, Goldie ?
134. *Lychnis apetala*, L.
135. *Cerastium alpinum*, L.
136. *Carex rigida*, Good., var. *Goodenovii*, Bailey
137. *Eriophorum polystachyon*, L.
138. " *Scheuchzeri*, Hoppe

139. *Luzula acunata*, L.  
 140. *Oxyria digyna*, Hill.  
 141. *Arnica alpina*, Olin.  
 142. *Vaccinium uliginosum*, L., var. *mucronatum*, Heider.  
 143. *Armeria vulgaris*, L.  
 144. *Potentilla emarginata*, Pursh.  
 145. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 146. *Epilobium latifolium*, L.  
 147. *Silene acaulis*, L.  
 148. *Saxifraga oppositifolia*, L.  
 149. *Dryas octopetala*, L., var. *integifolia*, C. & S.  
 150. *Cerastium alpinum*, L.  
 151. " "  
 152. *Ranunculus pygmaeus*, Wahl.  
 153. *Alapeurus alpinus*, Sm.  
 154. *Saxifraga oppositifolia* L.  
 155. " *cerma*. L.  
 156. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 157. *Cerastium alpinum*, L.  
 158. " "  
 159. *Lychnis apetala*, L.  
 160. *Potentilla emarginata*, Pursh.  
 161. *Saxifraga nivalis*, L.  
 162. *Ranunculus* " L.  
 163. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 164. *Saxifraga cerma*. L.  
 165. " *oppositifolia*. L.  
 166. *Dryas octopetala*, var. *integifolia*. C. & S.

167. *Pedicularis fuscata*. L.
168. *Cassiope tetragona*. Don.
169. *Oxyria digyna*. Hill.
170. *Luzula acuminata*. Meyer.
171. *Alopecurus alpinus*. L.
172. *Hierochloa alpina*. R. & S.
173. *Poa alpina*. L.
174. *Patentilla nivalis*. L.
175. *Taraxacum officinale*, Weber, var. *lividum* Koch.
176. *Armenia vulpina*. K.
177. *Oxyria digyna*. Hill.
178. *Alopecurus alpinus*. L.
179. *Poa abscissa*. R. & S.
180. *Lychnis triflora*. R. & S.
181. *Cerastium alpinum*. L.
182. *Stellaria longipes*, Goldie, var. *Edwardii*. Torr.
183. *Lychnis triflora*. R. & S.
184. *Saxifraga cernua*. L.
185. " *tricuspidata*, Kottb.
186. *Stellaria longipes*, Goldie, var. *Edwardii*. Torr.
187. *Ranunculus nivalis*. L.
188. *Oxyria digyna*. Hill.
- 189.
- 190.
- 191.
- 192.
- 193.
- 194.



## Henderson's Idaho Plants.

- 2729 *Trifolium plumosum*, Dougl.  
 30 " *involutum*, Willd.  
 31 *Lupinus lasiflorus*, Dougl. (lvs. glabrous above)  
 32 " " "  
 33 " *rioularis*, Dougl.  
 34 " *sulphureus*, Dougl.  
 35 " *argenteus*, Pursh.  
 36 " " "  
 37 " *leucophyllus*, Dougl.  
 38 *Lathyrus pauciflorus*, Fernald  
 39 " *nevadensis*, Watson  
 40 " *bijugatus*, var. *Sandbergii*, Wirtz.  
 41. *Astragalus Beckwithii*, F. & B.  
 42. " *Mortoni*, Nutt.  
 43. " *collinus*, Dougl.  
 44. " *revolutus*, Gray.  
 45. *Scutellaria angustifolia*, Pursh.  
 46. *Trichostema oblongum*, Benth.  
 47. *Asperochiron pumilus*, Porter.  
 48. *Thermopsis breviflora*, Gray.  
 49. *Hydrophyllum Virginicum*, L.  
 50. *Gentiana Oregana*, Engelm.  
 51. *Fraxera albicaulis*, Dougl.  
 52. *Geranium incisum*, Nutt.  
 53. " "  
 54. *Vaccinium caespitosum*, Michx., var. *abruscula*.  
 55. " " var. *cuneifolium*.

- 2756, *Meuziesia glabella*, Gray.  
 57, *Equisetum robustum*, A. K.  
 58, " "  
 59, *Alyssum calycinum*, L.  
 60, *Alyx* ~~*Sisymbrium*~~ *incisum*, var. *filipes*, Gray.  
 61, *Draba glacialis*, Adams.  
 62, *Limnospila aquatica*, L., var. *tenuifolia*, Hoffm.  
 63, *Sedum Douglasii*, Hook.  
 64, " *divaricatum*, Wats.  
 65, *Cornus stolonifera*, Michx.  
 66, " *Baileyi*, Coulter & Evans.  
 67,  
 68, *Silene Scouleri*, Hook.  
 69, *Urenaria capillaris*, Poir.  
 70, *Phacelia Idahoensis*, Henderson, n. sp.  
 71, *Silene Oregana*, Watson.  
 72, *Troximon grandiflorum*, Gray.  
 73, " *glaucum*, var. *dasycephalum*.  
 74, " *laciniatum*, Gray.  
 75, " *Mutallii*, Gray.  
 76, *Microseris nutans*, Gray.  
 77, " *major*, Gray.  
 78, " *nutans*, Gray.  
 79, *Hieracium vulgatum*, Fries.  
 80, *Prenanthes alata*, Gray, var. *sagittata*, Gray.  
 81, *Cnicus foliosus*, Gray.  
 82, *Senecio lugens*, Richards.  
 83, " " nearly var. *exaltatus*.



2784. *Arnica alpina*, Olin.  
 85 *Madia sativa*, Mol., var. *racemosa*, Gray  
 86 " " " "  
 87 *Arnica Chamissonis*, Less.  
 88 *Helianthella Douglasii*, T. & G.  
 89 *Solidago serotina*, Ait.  
 90 " *elongata*, Nutt.  
 11. *Grindelia integrifolia*, DC.  
 92 *Eigron ochroleucus*, Nutt.  
 93 " *concinus*, T. & G.  
 94 " *Coultteri*, Gray.  
 95 *Tetradymia glabrata*, Gray.  
 96 *Zigadenia gabriellae*, Gray.  
 97 *Aster Cubickii*, Gray, var. *Lyalli*, Gray.  
 ! 98 *Aster Hendersonii*, n. sp.  
 99 *Aster Fremonti*, Gray.  
 2800 " " "  
 01. " *laevis*, L., var. *Geyeri*, Gray.  
 02 *Aster modestus*, Lindl.  
 03 " *conspicuus*, Lindl.  
 04 " *multiflorus*, Ait.  
 05 *Chrysopsis villosa*, Nutt.  
 06 *Antennaria* { *racemosa*, Hook (male)  
                   *plantaginifolia*, (female)  
 07 *Eigron uniflorus*, L.  
 08 *Antennaria Caeperthiae*, var. *pulcherrima*, Hook.  
 09 *Alnus rhombifolia*, Nutt.  
 10. " *rubra*, Bong.  
 11 *Krynitzkia Toneyana*, Gray.  
 11½ " *ambigua*, Gray.

- 28 12 *Amsinckia intermedia*, F. & M.  
13. *Meibomia paniculata*, Don.  
14 *Callitriche aerna*, L.  
15 *Symphoricarpos racemosus*, Michx.  
16

Prof. A. Dugès Jan. & Feb. 1895.

- 418A. Clarincillo = Senecio Guadalajarensis, Rob.  
 117. Pochotl = Eriodendron aesculifolium, DC. ex chor.  
 232A. Indigofera anil, L.  
 62. Flor de la Calavera = Cypripedium molle, Lindl.  
 496. Alfombrilla = Verbena Wrightii, Gray.  
 387. Lamourossia rhinanthifolia, HBK.  
 93. Trayle = Thevetia Yecotli, DC. var. glabra, DC.  
 104A. Gonolobus uniflorus, HBK.  
 458. Aplorhaphis leptoglossa, DC.  
 426. Cielitas = Agratum corymbosum. Jacq.  
Auisillo, ou Yerba de Sta. Maria = Sagittaria lucida, L.  
Secho = Salicornia uncinulata, DC. var. obtusifolia  
"Baicena Guanajuatensis, Alf. Dug." = Colubrina glomerata, Kunth.  
 342. Clematis Pitcheri, T. & G.  
 267. Atlancheán = Cuphea Tolucana, Peyr.  
 383. Dentstemon campanulatus, Willd.  
 --- Ipomoea discoidea perma, J.D. Smith, ex chor.  
"Epiplatot" = Setaria caudata, R. & S., var. pauiseta, Vasey.  
 486. Sisotē = Bursera Palmeri, Wats.  
Uña de gato = Mimosa monancistrā, Benth.  
 --- Melampodium sericeum, Laf. ex chor.  
 --- Bahia schkuhrioides, Gray  
 226. Salvia Lindenii, Benth.  
 266A. Phoradendron corymarthron, Eich. ex chor.  
 417A. Papa silaeste = Solanum tuberosum, L.  
 111. Pithecotruncum cinereum, DC. ex chor.  
 --- Verbena polystachya, HBK.

228. Pajaros agules = Salvia patens, Cav.

Palillo - Croton morifolius, Willd. var. sphaerocarpus, Willd.

Urtica urens, L. "ortiga"

Ceratophyllum demersum, L.

13. Bomarea acutifolia, Benth.

708. Chamaedorea Schiedeana, Mart. ex char.

Aristolochia longipes, Watson.

Ardox = Catylodon Pachyphytum, Baker. ex char.

82. Fraxelichia interrupta, May.

345 Ranunculus Haakeri, Schl.

308. Lapezia pumila, Bonpl.

153 Capulin blanco = Ehretia Mexicana, Nats.

338. Polygonum mexicanum, Small.

Arbre de Tampico. "<sup>Presely</sup>" Laursonia inermis, L. "pueblo viejo"



Feb. 1. / 1895.

Plants from Mrs. May E. Pulsifer Ames.  
 Auburn, Placer Co., Cal.

1. *Zo gump*.
2. *Madia elegans*, Don.
3. *Aster Oreganus*, Nutt.
4. *Conyza Coulteri*, Gray.
5. *Fumula Californica*, Gray.
6. *Castilleja foliolosa*, H. & A.
7. *Baccharis Douglasii*, DC.
8. *Mentha pulegioides*, L.
9. *Lippia nodiflora*, Michx.
10. *Geranium Californicum*, L.
11. *Carex tribuloides*, Vahl.
12. *Eriogonum majus*, Hook.
13. *Pea auduina*, Nutt.?
14. *Sorghum Halapense*, Pers.
15. *Roubieva multifida*, Moq.
16. *Arrisoma corymbosa*, T. & G.
17. *Linum micranthum*, Gray.
18. *Gilia filicaulis*, Don.
19. *Polygonum Californicum*, Meisn.
20. " "
21. *Zo fragmentary*.
22. *Cupressus Garryana*, Gordon.

Feb. 2. 1895.

## O.D. Allen's Washington Plants.

294. *Poa laxa*, Haenke.  
 279. *Helica bromoides*, Gray, var. *Howellii*, Scrib.  
 276. *Trisetum* <sup>*canescens*, Rydb.</sup> ~~*canadense*, Don.~~  
 275. *Glyceria pauciflora*, Presl.  
 274. *Festuca ovina*, L., var. *polyphylla*, Vasey.  
 250. *Dentaria geminata*, Nutt., med.  
 256. *Cardamine* ~~*brevis*~~ *brevis*, Nutt.  
 257. *Cardamine hirsuta*, L.  
 251. *Petasites palmata*, Gray.  
 252. *Viola glabella*, Nutt.  
 254. *Viola sarmentosa*, Dougl.  
 258. *Viola palustris*, L.  
 253. *Lilium ovatum*, Pursh.  
 255. *Mutellia cerasiformis*, Torr. & Gr.  
 262. *Asarum caudatum*, Lindl.  
 265. *Renophila parviflora*, Dougl.  
 264. *Ranunculus occidentalis*, Nutt., var. *Lyalli*, Gray.  
 259. *Dicentra formosa*, DC.  
 263. *Achlys triphylla*, DC.  
 277. *Gilia heterophylla*, Hook.  
 273. *Vancouveria hexandra*, Mon. & Dec.  
 268. *Moneses grandiflora*, Salisb.  
 282. *Pyrola rotundifolia*, L., var. *tractata*, Gray.  
 261. *Ribes divaricatum*, Dougl.  
 288. *Ribes laxiflorum*, Pursh.  
 260. *Vaccinium larvifolium*, Smith.

278. *Rosa gymnocarpa*, Nutt.  
 266. *Maianthemum bifolium*, DC., var. *dilatatum*, Nord.  
 277. *Clintonia uniflora*, Kunth.  
 280. *Habenaria leucostachys*, Watson.  
 270. *Habenaria gracilis*, Watson.  
 269. *Lilia gracilis*, Dougl.  
 208. *Rubus nivalis*, Dougl.  
 267. *Rubus ursinus*, Cham. & Schl.  
 203. *Ribes sanguineum*, Pursh, var. *malvaceum*, Gray.  
 249. *Allium cernuum*, Roth.  
 286. *Erythronium grandiflorum*, Pursh, var. *parviflorum*, Wats.  
 285. *Erythronium montanum*, Watson.  
 267. *Oxalis Oregana*, Nutt.  
 272. *Oxalis heliifolia*, Hook.  
 283. *Mitella Breweri*, Gray.  
 287. *Claytonia lanceolata*, Pursh.  
 284. *Pedicularis racemosa*, Dougl.  
 281. *Pedicularis Gracelandica*, Retz.  
 300. *Pedicularis bracteosa*, Benth.  
 295. *Pedicularis contorta*, Benth.  
 296. *Pedicularis ornithorhyncha*, Benth.  
 299. *Gentiana calycosa*, Griseb., var. *stricta*, Griseb.  
 292. *Achloppappus Fraudegei*, Gray.  
 297. *Veronica Cusickii*, Gray.  
 298. *Kalmia glauca*, Ait., var. *microphylla*, Hook.  
 289. *Ranunculus Luchsdoerffii*, Gray.  
 301. *Anemone occidentalis*, Wats.  
 293. *Saxifraga Tolmiei*, Torr. & Gray.  
 290. *Spraguea multiceps*, Howell.  
 291. *Lupinus Lyallii*, Gray.



## Miscellaneous from Allen

193. *Carex festiva*, Dewey, var. *gracilis*, Olney.  
 194. *Carex invisa*, Bailey  
 195. " " "  
 196. " *rigida*, Good., var. *alpina*.  
 303. *Habenaria Unalaschensis*,  
 309. *Rhododendron albiflorum*, Hook.  
 310. *Rubus pedatus*, Smith.  
 311. *Corydalis Scouleri*, Hook.  
 316. *Pyrola chlorantha*  
 312. *Arabis perfoliata*, Lam.  
 313. " *hirsuta*, Scop.  
 314. *Toyon glaucum*, Nutt., var. *dasycephalum*, F.B. (*T. humile*, Nutt.)  
 315. *Viola glabella*, Nutt.  
 25. ~ *Aster modestus*, Lindl.  
 26. ~ *Lactuca toxicaria*, Gray.  
 122. 3/5. *Rosa pisocarpa*, Gray.  
 65 *Agrastis humilis*, Vasey.

Norway Plants from Miss Elisabeth Taylor. Feb. 15, 95.

1. *Platanthera bifolia*, Reich.
2. *Valeriana officinalis*, L.
3. *Polygala amara*, L.
4. *Hieracium pilasella*, L., var. *Peleterianum*, Moench.
5. *Pedicularis Lapponica*, L.
6. *Eigeron uniflorus*, L.
7. *Armeria maritima*, Willd.
8. *Anabis alpina*, L.
9. *Silene acaulis*, L. with *Betula alpestris*, Fr.
10. *Saxifraga cernua*, L.
11. " *rivularis*, L.
12. " *oppositifolia*, L.
13. *Lychnis alpina*, L.
14. *Gnaphalium Noruegicum*, Summ.
15. *Veronica alpina*, L.
16. *Luzula arcuata*, Meyer.
17. *Lotus corniculatus*, L.
18. *Partsia alpina*, L.
19. *Viola biflora*, L.
20. *Saussurea alpina*, DC.
21. *Euphrasia officinalis*, L.
22. *Thalictrum alpinum*, L.
23. *Lathraea squamaria*, L.
24. *Rhododendron Lapponicum*, Nahl.
25. *Viola blanda*, Willd., var. *renifolia*, Gray.
26. *Andromeda polifolia*, L.

## Washington Plants from

C. V. Piper.

March 1-13. 1895

1488. *Lathyrus bijugatus*, White.  
 1490. *Lupinus sericeus*,  
 1535. *Myosurus apetalus*, Gray.  
 1589. *Cnicus altissimus*, Willd., var. *filipendulus*, Gray.  
 1628. *Clarkia rhomboides*, Dougl.  
 1657. *Mimulus nephriticus*, Greene.  
 1763. *Carex Geyeri*, Boott.  
 1764. " *filifolia*, Nutt.  
 1780. *Rigiopappus leptocladus*, Gray.  
 1782. *Aster occidentalis*, Nutt.  
 1783. " *laevis*, L.  
 1784. *Crepis occidentalis*.  
 785. *Solidago serotina*, Ait.  
 1788. *Rubus Piperi*, n.sp. provisional  
 1789. *Chenopodium hybridum*.  
 1792. *Astragalus collinus*, Dougl.  
 1793. *Dodecatheon cusickii*, Greene.  
 1794. *Draba nemorosa*.  
 1795. *Saxifraga integrifolia*, Hook. *thin leaved*.  
 1796. *Cuscuta tenuiflora*, Engelm.  
 1802. *Ostaeuogiton*  
 1803. *Linum diphyllum*, Gray.  
 1807. *Abronia mellifera*, Dougl.  
 1808. *Saxifraga integrifolia*, Hook.  
 1809. *Aphyllon uniflorum*, Gray.  
 1810. *Ribes irriguum*, Dougl.  
 1812. *Asabis arcuata*, Gray, var. *subvillosa*, Wats. ined.

1817. *Silene Cucubalus*, Wats.  
 1821. *Eriogon strigosus*, approaching *annuus*.  
 1822. *Erigeron foliosus*, Gray.  
 1823. " *undulatus*, Gray, var. *megacephalus*, Gray.  
 1826. *Mimulus Pulsiferae*, Gray.  
 1828. *Geranium Carolinianum*, L.  
 1832. *Eriogon divergens*, Z. & G.  
 1835. *Pickera*, *caucosof* (prunigen). *Cones of Sitchensis*.  
 1836. *Viola palmata*, var. *cucullata*, Gray.  
 1838. *Amsinckia tessellata*, Gray.  
 1840. *Astragalus curvisiliqua*, Nutt.  
 1846. *Mentzelia dispersa*, Wats.  
 1848. *Polygonum Douglasii*, Greene, var. *latifolium*, Greene.  
 1849. *Gilia pusilla*, Benth.  
 1851. *Allium Geyeri*.  
 1851. *Psoralea lanceolata*, Pursh.  
 1854. *Silene nocturniflora*.  
 1856. *Claytonia Sibinica*, L.  
 1858. *Mimulus Pulsiferae*, Gray.  
 1885. *Arenaria pusilla*, Wats.  
 1887. *Ribes niveum*, Lindl.  
 1900. *Lupinus Wyethii*, Wats. & Torr.  
 1901. " *leucophyllus*, Dougl.  
 1902. " "  
 1903. " *ornatus*, Dougl.  
 1933. *Erigeron edulis*, Gray.  
 1934. *Carex straminea*, var. *micabilis*, D. C.  
 1937. *Cyperus erythroglossus*, Muhl.

938. *Juncus Bolanderi*, Engelm.  
 939. " *tenuis*, Willd.  
 1940. *Triglochin ambigua*, Gray.  
 941. " *Longiana*, Gray.  
 1942. " " "  
 1943. " " "  
 1944. " " "  
 1945. " " "

March 19. 895.

From Dr. A. Dugès.

75. *Anisacanthus pumilus*.

"*Cyatagus Mexicana*" = *Pyrus Cydonia*, L.

Agritas = *Berberis pinnata*, Lag.

April 10 -

149

Mexican Plants collected by Frank H. Lamb  
at Mazatlan, Tepic etc., 1894-95.

- > 1. *Cassia biflora*, L.
- > 2. *Acacia Farnesiana*, Willd.
- > 3. *Salvia privoidea*, Benth.
- > 4. *Evolvulus limifolius*, L.
- > 5. *Pectis Bonplandiana*, HBK.
- > 6. *Dalea ngra*, Mart. & Gal.
- > 7. *Sida rhombifolia*, L., var. *microphylla*, Hemsley.
- > 8. *Momordica Charantia*, L.
- > 9. *Salvia privoidea*, Benth.
- > 10. *Phaseolus atropurpureus*, DC.
- > 11. *Lantana horrida*, HBK.
- > 12. *Journefortia Hartwegiana*, Steud.
- > 13. *Elytharia tridentata*, Vahl.
- > 14. *Croton gracilis*, Mill. Arg. ?
- > 15. *Porophyllum nummularium*, DC.
- > 16. *Commelina pal<sup>erecta</sup>*, L.
- > 17. *Zinnia maritima*, HBK.
- > 18. *Pithecolobium dulce*, Benth.
- > 19. *Naltheria detonsa*, Gray.
- 20.
- > 21. *Mimosa Eruendbergii*, Gray.
- > 22. *Eupatorium sagittatum*, Gray.
- > 23. *Dicliptera reniformata*, Juss.
- > 24. *Cuscuta umbellata*, HBK. ?
- > 25. *Sporobolus tubosa*, L.

- > 26. *Cachlospermum hibernoides*, Humb. & Bonpl.
- > 27. *Datura meteloides*, DC.
- > 28. *Solanum torvum*, Sw.
- > 29. *Ipomaea triloba*, L.
- > 30. *Ipomaea purpurea*, Lam.?
- 31.
- 32.
- > 33. *Caesalpinia Mexicana*, Gay, var. *pubescens*, Rob. & Greene.
- 34.
- 35.
- > 36. *Ocimum divinum*, L.
- > 37. *Caesalpinia pulcherrima*, Swartz.
- > 38. *Cosmos sulphurea*, Cav.
- > 39. *Journefortia* <sup>capitata</sup> ~~Hartwegiana~~, Mart. & Gal.
- > 40. *Trixis frutescens*, P. Browne.
- > 41. *Myrtus Arayana*, A.D.K.?
- > 42. *Jacobinia Mexicana*, Seem.
- > 43. *Salvia albiflora*, Mart. & Gal.
- 44.
- > 45. *Melampodium divaricatum*, DC.
- > 46. *Melochia pyramidata*, L.
- > 47. *Salvia albiflora*, Mart. & Gal., var. *caerulea*, Gay
- > 48. *Cassia sericea*, Swartz.
- > 49. *Antigonon leptopus*, A. & A.
- > 50. *Euphorbia pilulifera*, L.
- 51. *Ipomaea pandurata*, Meyer
- 52. *Lantana hirsuta*, Mart. & Gal.
- > 53. *Melampodium longicorne*, Gay.

- > 54. *Solanum nigrum*, L.
- > 55. *Solanum torvum*, Fr.
- > 56. *Caesalpinia bonducella*, Roxb.
- > 57. *Ipomoea Pes-Caprae*, Sweet.
- > ! 58. *Diodia crassifolia*, Benth. ex chor.
- > 59. *Crotalaria eriocarpa*, Benth.
- > 60. *Cassia occidentalis*, L.
- > 61. *Tournefortia Hartwegiana*, Steud.
- > 62. *Physalis pubescens*, L.
- > 63. *Richardsonia scabra*, St. Hil.
- > 64. *Crotalaria incana*, L.
- > ! 65. *Caesalpinia lacalaco*, Humb. & Bonpl. ex chor.
- 66.
- 67.
- > 68. *Porophyllum nummularium*, DC.
- > 69. *Dalea alopecuroides*, Willd.
- 70.
- > 71. *Hyptis polystachya*, HBK.
- 72. *Dalea nigra*, Mart. & Gal.
- 73. *Baccharis caeculescens*, DC.
- > 74. *Euphorbia thymifolia*, L.
- > 75. *Hydrolea spinosa*, L.
- > ! 76. *Kosteletzkya stellata*, n. sp.
- > 77. *Cassia absus*, L.
- > 78. *Coleome Potorina*, Rob.
- > 79. *Pectis arenaria*, Benth.
- 80. *Usnea* sp.
- > 81. *Tillandsia usneoides*, L.



82. *Melampodium cupulatum*, Gray.  
 83. *Tillandsia exserta*, n. sp.  
 84. *Ipomaea arborescens*, HBK.  
 85. *Caesalpinia eriotachys*, Benth.  
 86.  
 87. *Cucurbitaria cucurbitaria*, DC.  
 88. *Aristolochia Taliscana*, H. & A.  
 89. *Blechnum Brownii*, Juss.  
 90. *Boerhaavia scandens*, L.  
 91. *Journefortia capitata*, Mart. & Gal.  
 92. *Blechnum Brownii*, Juss.  
 93.  
 94. *Perityle microphylla*, Benth.  
 95. *Heliotropium parviflorum*, L.  
 96. *Sida rhombifolia*, L.  
 97. *Salvia albiflora*, Mart. & Gal.  
 98. *Antigonon cinerascens*, Mart. & Gal.  
 99. *Hiraea macraptera*, DC.  
 100. *Viguiera helianthoides*, HBK.  
 101. *Malva viscosa grandiflora*, HBK.  
 102. *Ipomaea muricata*, Jacq..  
 103. *Solanum Grayi*, Rose.  
 104. *Ipomaea muricata*, Jacq..  
 105. *Ipomaea Mexicana*, Gray.  
 106. *Ipomaea triloba*, L.  
 107. *Melampodium divaricatum*, DC.  
 108. *Argemone Mexicana*, L.  
 109.

- 110. *Solanum nigrum*, L.
- 111. *Coursetia mollis*, Rob. & Greenm.
- 112. *Indigofera acut.*, L.
- 113.
- 114.
- > 115. *Clumbago scandens*, L.
- > 116. *Rhynchosia phaeoloides*, DC.
- 117.
- 118.
- > 119. *Chamissoa altissima*, HBK.
- > 120. *Vilamilla octandra*, Hook. fil.
- > 121. *Tricetiana Tabacum*, L.
- > 122. *Calceomignitia glabrata*, n.sp.
- > 123. *Punica Granatum*, L.
- > 124. *Rhynchosia minima*, DC.
- > 125. *Mangifera Indica*, L.
- > 126. *Clumbago Capensis*, Thunb.
- 127.
- 128.
- > 129. *Psidium Guajava*, L.
- > 130. *Erythrina Corallodendron*, L. ?
- > 131. *Duranta Plumieri*, Jacq.
- 132.
- 133.
- 134.
- > 135. *Jussiaea repens*, L.
- > 136. *Jussiaea repens*, L.
- 137.

- > 138. *Phyalix aequata*, Jacq.  
 > 139. *Datura meteloides*, DC.  
 - 140. *Asclepias curassavica*, L.  
 > 41. *Stemodia pusilla*, Benth.  
 > 142. *Jussiaea octanervis*, Lam.  
 143. ✓  
 > 144. *Stemodia ducantifolia*, Swartz.  
 > 145. *Hydrolea spinosa*, L., var.  
 > 146. *Polygonum punctatum*, Ell.  
 - 147. *Philibertia linearis*, B. & H., var. *heterophylla*, Gray.  
 > 148. *Solanum Laubii*, n. sp.  
 > 149. *Nicotiana plumbaginifolia*, Jacq.  
 > 150. *Gossypium herbaceum*, L.  
 Look out for no. 151, *Anoda acerifolia*, DC. also *Coffea arabica*, L.  
 (this may be no. 154)  
 > 152. *Ipomaea bracteata*, Cav.  
 ✓ 153. *Gliricidia Lambii*, n. sp.  
 154.  
 155.  
 > 156. *Tetramecium hispidum*, Nees.  
 157.  
 > 158. *Ipomaea umbellata*, Meyr.  
 - 159. *Eugophyllum calycinum*, Salisb.  
 - 160. *Anoda hastata*, Cav.  
 > 161. *Ipomaea trifida*, Don., var. *Joneziana*, Gray.  
 162.  
 163.  
 > 164. *Aristolochia Taliscana*, H. & A.  
 > 165. *Verbesina diversifolia*, DC. ....

- > 166. *Vilamilla octandra*, Hook. fil.
- > 167. *Stegnosperma halimifolia*, Benth
- 168.
- > 169. *Stemmadenia Palmeri*, Rose.
- 170. *Combretum farinosum*, HBK. (flowers), tw. of something else!
- > 171. *Sesjania racemosa*, Schum.
- 172. *Galphimia glandulosa*, Cav. ex char.
- > 173. *Tribulus grandiflorus*, Wats.
- > 174. *Lantana horrida*, HBK.
- 175.
- > 176. *Hyptis albida*, HBK.
- > 177. ~~*Tysodia cancellatopora*~~ *porphylla*, Cav.  
~~*Chaptalia porphylla*, Hudsley.~~
- 178.
- > 179. *Asclepias curassavica*, L.
- > 180. *Sorghum Italapense*, Pers.
- > 181. *Ruellia saucutosa*, Jacq.
- > 182. *Jussiaea octonervis*, Lam.
- > 183. *Plumbago scandens*, L.
- > 184. *Cratalaria pumila*, Ort.
- 185. *Lagascea glandulosa*, n. sp.
- 186.
- > 187. *Commelina pallida*, Clarte.
- 188. *Stimodia duaritifolia*, Swartz
- 189. *Adiantum tenerum*, Swartz.
- > 190. *Eupatorium conyzoides*, Vahl.
- 191.
- 192. *Nicotiana Tabacum*, L.
- 193. ~~*Nicotiana Tabacum*, L.~~  
*Buchnera Mexicana*, Hemsl., var.

194.  
 > 195. *Polypodium tetragonum*, Swartz.  
 > 196. *Aspidium patens*, Swartz.  
 > 197. *Hibiscus Rosa-sinensis*, L.  
 198. *Scoparia dulcis*, L.  
 > 199. *Spermacoce asperifolia*, Mart. & Gal.  
 200.  
 > 201. *Phaseolus speciosus*, HBK.  
 > 202. *Stachys coccinea*, Jacq.  
 > 203. *Ipomaea peduncularis*, Bertol.  
 > 204. *Bignonia*?  
 > 205. *Gnypa echinocarpa*, Hay.  
 206. *Journefortia hirsutissima*, L.  
 > 207. *Hemura*  
 > 208. *Sida carpinifolia*, L.  
 > 209. *Parkinsonia aculeata*, L.  
 > 210. *Hura polyandra*, Baill. ex chor.  
 211.  
 212.  
 > 213. *Mimosa asperata*, L.  
 214.  
 215.  
 > 216. *Melia Azedarach*, L.  
 217.  
 > 218. *Loeselia ciliata*, Don.  
 > 219. *Cassia bicapsularis*, L.  
 > 220. *Solanum callicarpaeifolium*, L.  
 > 221. *Jexmenia ceanothifolia*, SchBp., var. *conferta*

- > 222. *Diphysa racemosa*, Rose.
- > 223. *Tephrosia multifolia*, Rose.
- > 224. *Hymenaea courbaril*, L.
- > 225. *Nyptis stellulata*, Benth.
- 226,
- > 227. *Eriodendron occidentale*, Fr. & Pl.
- > 228. *Nyptis polystachya*, HBK.
- > 229. *Crotalaria incana*, L.
- > 230. *Berhaavia viscosa*, Lag. & Rodr.
- > 231. *Passiflora foetida*, L.
- > 232. *Tribulus grandiflorus*, Nat. S.
- > 233. *Casimiroa edulis*, Llav. & Lex.
- > 234. *Panicum leucophaeum*, HBK.
- > 235. *Carica papaya*, L.
- > 236. *Tribulus grandiflorus*, Nat. S.
- 237.
- > 238. *Inga Xalapensis*, Benth.
- 239.
- > 240. *Ipomaea Batatas*, L.
- > 241. *Gymnolomia platylepis*, Gay.
- 242,
- > 243. *Buchnera Mexicana*, Hemsl., var.
- > 244. *Tabebeia*?
- > 245. *Tamarindus Indica*, L.
- > 246. *Cedrela pubescens*, n. sp.
- > 247. *Pisonia aculeata*, L.
- > 248. *Hamelia patens*, Jacq.
- > 249. *Phaseolus falcatus*, Benth. *lunatus*, L.

- > 350. *Verbesina crocata*, Less.  
 > 351. *Triumfetta semitriloba*, L.  
 > 352. *Calopogonium caeruleum*, Desv.  
 > 353. *Piper tuberculatum*, Jacq.  
 > 354. *Trixis frutescens*, P. Browne.  
 > 355. *Melampodium divaricatum*, DC.  
 > 356. *Calea submembranacea*, n. sp.  
 > 357. *Zinnia bicolor*, Hemsley.  
 > 358. *Sporaea Laubii*, n. sp.  
 > 359. *Ardisia compressa*, HBK.  
 > 360. *Vitex mollis*, HBK.  
 > 361. *Canostegia Kalapensis*, Don.  
 > 362. *Cratalaria longirostrata*, Hook. & Arn. ex char.  
 > 363. *Hibiscus uncinellus*, DC.  
 > 364. *Jaumea peduncularis*, B. & H.  
 > 365. *Sida dumosa*, Swartz.  
 > 366. *Brougniartia glabrata*, Hook. & Arn. ex char.  
 > 367.  
 > 368. *Euphorbia pulcherrima*, Willd.  
 > 369. *Lagascea suaveolens*, HBK.  
 > 370. *Cratalaria eupleurifolia*, Schl. ex char.  
 > 371. *Tibouchina Schiedeana*, Cogn.  
 > 372. *Cassia hispida*, Vahl.  
 > 373. *Begonia Leracleyfolia*, Cham. & Schl.  
 > 374. *Aspidium trifoliatum*, Swz.  
 > 375. *Adiantum tenerum*, Swz.  
 > 376. *Adiantum concinnum*, HBK.  
 > 377. *Tephrosia lanata*, Mart. & Gal. ex char.

- ! 278. *Ipomaea simplexianalis*, n. sp.  
 > 279. *Inocens Orizabae*, Liebm. ?  
 > 280. *Russelia sarmentosa*, Jacq.  
 > ! 281. *Triumfetta cucullata*, n. sp.  
 > 282. *Guardiola Tulocapus*, Gray. broad leaved form.  
 > 283. *Salix Humboldtiana*, Willd.  
 > 284. *Byrsonima cotinifolia*, HBK.  
 > ! 285. *Mimosa Guatemalensis*, Benth. Ex chor.  
 286.  
 > 287. *Lawsonia inermis*, L.  
 > 288. *Nerium Oleander*, L.  
 > 289. "*Parmentiera edulis*, DC.  
 > 290. *Coriandrum sativum*, L.  
 > 291. *Aloe vera*, L.  
 > 292. *Gymnogramme tartarea*, Desv.  
 > 293. *Blechnum occidentale*, L.  
 > 294. *Aspidium contumminum*, Willd.  
 > 295. *Stachys coccinea*, Jacq.  
 > 296. *Adiantum concinnum*, HBK.  
 > 297. *Laeselia coccinea*, Don.  
 > 298. *Isoloma jaliscana*, Wats.  
 > 299. *Laeselia ciliata*, Don.  
 > 300. *Gypsochloa scaber*, Benth.  
 > 301. *Tibouchina Bourgaeana*, Cogn.  
 > 302. *Laeselia glandulosa*, Don.  
 303.  
 > 304. *Euphea Pringlei*, Watson.  
 > 305. *Labelia latiflora*, HBK.



- 306, *Adiantum intermedium*, Swartz.  
 307,  
 308, *Ipomoea Bonariensis*, L.  
 309, *Seigonia*  
 310, *Castilleja communis*, Benth  
 311, *Galinsoga* <sup>*aurea*</sup> ~~*Laurea*~~ n. sp.  
 312, *Duranta Plumieri*, Jacq.  
 313, *Ocotea* sp.  
 314,  
 315, *Chamissoa altissima* HBK.  
 316, *Sassafridium macrophylla*, Rose.  
 317, *Crotalaria pumila*, Ort.  
 318, *Desmodium scorpiurus*, Desv.  
 319, *Mangifera Indica*, L.  
 320, *Heliotropium Indicum*, L.  
 321, *Loeselia ciliata*, Don.  
 322, *Tetramerium hispidum*, Nees.  
 323, *Salvia leptoides*, Mart. & Gal.  
 324, *Melochia pyramidalis*, L.  
 325, *Nicotiana glauca*, L.  
 326, *Phacelus velfaris*, L.

no. no. "Lecomate" - *Parmentiera alata*, Kunz.  
*Crescentia alata*, HBK.

May 31, 1895.

From A. Dupis

*Psoralea pentaphylla*, L.

*Maunera lanceolata*, Ton.

No 46. *Cordylone congesta*, Steud.

H. Ms. *Myrtis albida*, HBK.

No. 1. *Barleria micans*, Nees.

"Mara" *Salvia Scleria*, L.

"Yedia Clarin". *Ipomaea Bonu-Nox*, L.

*Micrantha alata*, Link & Otto.

452. "Caudelero". *Senecio praecox*, DC.

"Arctes or Zarcillo" *Bauvardia hypoleuca*, Bth.

May 31, 1895.

From A. Davidson, Los Angeles.

*Phacelia Fremonti*, Ton.

*Collinsia Pampi*, T. & G.

*Senecio multilobatus*, Gray.

*Trifolium gracilentum*.



## Florida plants from F. C. Staub.

June 17, 1895.

1. *Chrysopsis Mariana*, Nutt.
2. *Aster squarrosus*, Walt.
3. *Coreopsis aurea*, Ait., var. *subintegra*, Torr. & Gr.
- 4.
5. *Monarda punctata*, L.
- 6.
7. *Nissolia*
8. *Cephaelis Chenevix*, Ait.
9. *Limnanthes tachyspermum*, Gray.
- 10.
11. *Houstonia rotundifolia*, Michx.
12. *Polygala lutea*, L.
13. *Sabbatia stellaris*, Pursh.
14. *Crotalaria ovalis*, Pursh.
- 15.
16. *Lycopodium alopecuroides*, L.
- 17.
- 18.
- 19.
- 20.
21. *Lobelia spicata*, Lam.
- 22.
23. *Viola primulaefolia*, L.
- 24.
- 25.
26. *Sida carpinifolia*, L.

27. *Erigeron nudicaulis*, Michx.
28. *Lamium amplexicaule*, L.
- 29.
- 30.
31. *Guardia purpurea*, L.
32. *Cuscuta compacta*, Juss.
33. *Thiburnum nudum*, L.
34. *Hamaamelis Virginica*, L.
35. *Polypodium incanum*, Swartz.
36. *Pupalis angulata*, L., var. *Linckiana*, Gay.
37. *Hieracium Gronovii*, L.
- 38.
39. *Epiphegus Virginiana*, Bart.
40. *Viola palmata*, L.
- 41.
42. *Lycopodium cernuum*, L.
43. *Polypodium aureum*, L.
- 44.
45. *Vittaria lineata*, Swartz.
46. *Viola palmata*, L.
47. *Utricularia inflata*, Walt.
48. *Utricularia biflora*, Lam.
49. *Satureia rigida*, Bart.
50. *Lingueula elatior*, Nutt.
- 51.
52. *Hypoxis juncea*, Smith.
- 53.
- 54.

55. *Plantago Virginica*, L.
56. *Pinguicula lutea*, Walt.
57. *Viola lauceolata*, L.
58. *Verbena Aubletia*, L.
- 59.
60. *Vaccinium nitidum*, Andr.
61. *Prunus Caroliniana*, Lit.
62. *Pyrus subatifolia*, L.
- 63.
64. *Tradescantia Virginica*, L.
65. *Rigia Virginica*, Willd.
66. *Helianthemum corymbosum*, Michx.
- 67.
68. *Salvia lyrata*, L.
- 69.
70. *Pinguicula porcuia*, Michx.
71. *Ascyrum amplexicaule*, Michx.
72. *Viola palmata*, L., var. *cucullata*, Gray.
73. *Lupinus diffusus*, Nutt.
74. *Calopogon pulchellus*, R. Br.
75. *Lobelia <sup>fragrans, Raf.</sup> ~~umbellata~~*, A. N. S.
76. *Clematis Baldouinii*, Ton. & Gr.
77. *Thysanthes refracta*, Benth.
78. *Viola palmata*, L.
79. *Baptisia lauceolata*, Ell.
80. *Erotalaria sagittalis*, L.
81. *Eriocaulon graphalodes*, Michx.
82. *Vaccinium nitidum*, Andr.

83. *Spiranthes gracilis* <sup>praecox, Walt.</sup> B. & P.  
 84. *Geranium Carolinianum*, L.  
 85. *Sisyrinchium anceps*, Cav.  
 86. *Muracium Gronovii*, L.  
 87. *Conradina caulescens*, Gray.  
 88. *Chypalis lanceolata*, Michx.  
 89. *Lepidium Virginicum*, L.  
 90. *Samolus Valerandi*, L. var. *Americanus*, Gray.  
 91. *Polygala nana*, DC.  
 92. *Oenothera sinuata*, L.  
 93. *Helenium vernale*, Walt.  
 94. *Asimina pygmaea*, Dunal.  
 95. *Ficus australis*, Michx.  
 96. *Polygala polygama*, Walt.  
 97. *Coccoloba Leavenworthii*, Torr. & Gray.  
 98. *Amiantum angustifolium*, Gray.  
 99. *Berchemia volubilis*, DC.  
 100.  
 101. *Dichrocnema leucocephala*, Michx.  
 102. *Graphalium purpureum*, L.  
 103. *Senecio lobatus*, Pers.  
 104. *Galium trifidum*, L.  
 105. *Osmanthus Americanus*, Benth. & Hook.  
 106. *Helianthemum corymbosum*, Michx.  
 107. *Jatropha stimulosa*, Michx.  
 108. *Tradescantia rosea*, Vent.  
 109. *Cornus canadensis*, Marsh.  
 110. *Audouinea nitida*, Benth.

111. *Andromeda ferruginea*, Walt.
112. *Smilax lauceolata*, L.
113. *Physalis lauceolata*, Michx.
114. *Polygala polygama*, Walt.
115. *Gratiola ramosa*, Walt.
- 116.
117. *Vicia acutifolia*, Ell.
118. *Gaylussacia dumosa*, Torr. & Gray.
119. *Labellia pauciflora*, Nutt.
120. *Ruellia ciliosa*, Pursh, var. *ambigua*, Gray.
121. *Paepalanthus flavidulus*, Kunth.
122. *Solanum carolinense*, L.
123. *Dianthera humilis*, Engelm. & Gray.  
*Ruellia ciliosa*, Pursh, var. *ambigua*, Gray.
124. *Buehnera elongata*, Torr.
125. *Campanula floridana*, Wats.
126. *Scutellaria integrifolia*, L.
127. *Sprianthus praecox*, Wats.
128. *Itea Virginica*, L.
129. *Vaccinium arboreum*, Marsh.
130. *Specularia perfoliata*, A.DC.
131. *Limnanthemum laciniatum*, Griseb.
- 132.
133. *Polygala setacea*, Michx.
134. *Intederia cordata*, L.
135. *Quirina scirpoidea*, Vahl.
136. *Carex staminea*, Willd., var. *alata* Bailey
137. *Vaccinium stamineum*, L.
138. *Vaccinium stamineum*, L.  
*Nepestis Monniera*, HBK.



- 139 *Commelina Virginica*, L.
- 140 *Erigeron Philadelphicus*, L.
- 141 *Salvia coccinea*, L.
- 142 *Hydrocotyle umbellata*, L.
- 143 *Pogonia ophioglossoides*, Nutt.
- 144 *Lantana Canara*, L.
- 145 *Clematis Baldwinii*, Torr. & Gr.
- 146 *Euphorbia heterophylla*, L., var. *geminifolia*, Eup.
- 147 " " "
- 148 *Lippia laucolata*, Michx.
- 149 *Polygala Rugelii*, Schult.
150. *Phypostegia Virginiana*, Benth., var. *obovata*, Gr.
151. *Cnicus Nuttallii*, Gray.
152. *Calopogon pulchellus*, R.Br.
153. *Asclepias paupercula*, Michx.
- 154 *Vitis Labrusca*, L.
- 155 *Stillingia sylvatica*, L.
- 156 *Aletris aenea*, Walt.
157. *Polygala Baldwinii*, Nutt.
158. *Schrankia uncinata*, Willd.
159. *Conocarpus Leavenworthii*, Torr & Gray.
160. *Siphonochia Americana*, Torr. & Gray.
161. *Galactia Elliottii*, Nutt.
- 162 *Juncus Rensselaerianus*, Scheele.
163. *Spartina polystachya*, Willd.
164. *Calopogon hemistachya*, Nees.
- 165.
166. *Amorpha fruticosa*, L.

Sept. 20 - 25, '95.

Curtis's Plants from Florida Keys.

- 5072B. *Rhynchospora cynosa*, Nutt.  
 5072C. " *distans*, Vahl.  
 5376. *Hydrocotyle verticillata*, Thunb.  
 5377. " " "  
 5398. *Eraton glandulosus*, L., var. *maritimus*, Curtis. }  
 + 5430. *Achyranthes aspera*, L., var. *obtusifolia*, Lam.  
 5441. *Metastelma Blodgettii*, Gray.  
 5443. " *Bahamense*, Griseb.  
 5445. *Sida ciliaris*, L.  
 + 5453. *Iridax procumbens*, L.  
 + 5454. *Spigelia anthelmia*, L.  
 5482. *Phyllanthus Niruri*, L., var. *radicans*, Mull.  
 5486. *Euphorbia adenoptera*, Benth.  
 + 5487. *Metastelma Blodgettii*, Gray.  
 + 5494. *Elytharia virgata*, var. *angustifolia*, n. var.  
 + 5500A. *Talinum triangulare*, Willd.  
 5500B. *Euphorbia Brasiliensis*, Lam.  
 + 5500C. *Trema Lemaekiana*, Blume.  
 5500D. *Pentstemon laevigatus*, Solander.  
 + 5500E. *Ruellia graminifolia*, HBK.  
 5500F. *Euphorbia polyphylla*, Engelm.  
 5500G. *Rhynchospora plumosa*, Ell.  
 5501. *Psychotria undata*, Jacq.  
 5508. *Melochia deltoides*, Michx.  
 5510. *Cassia graminica*, Spreng.  
 5511. *Euphorbia Garberi*, Engelm.

Sept. 26, 1895.

Palmer's Plants from Acapulco.

- ✓ 1. *Sida salviaefolia*, Presl. °  
 > 2. *Cordia cana*, Mart. Gal. °  
 > 3. *Melampodium longicorne*, Gray. °  
 4.  
 > 5. *Milleria quinqueflora*, L. °  
 ✓ 6. *Crotalaria* ~~fruticulosa, DC.~~ <sup>Leptocaulis, HBK. pro m. l.</sup> °  
 ✓ 7. *Missilia* ..... °  
 ✓ 8. *Gaudichaudia filipendula*, Juss. °  
 ✓ 9. *Mimosa pusilla* Benth. °  
 ✓ 10. *Stylosanthes glutinosa*, HBK. °  
 > ! 11. *Argemone Manzanilloana*, Rose ex char. °  
 ✓ 12. *Schizocarpum alternatum*, Cop. & Rose, n. sp. °  
 ✓ 13. *Echinopepon Coulteri*, Rose. °  
 > 14. *Trichilia alata*, Wats. °  
 > ! 15. *Stemodia pusilla*, Benth. ex char. °  
 > ! 16. *Pectis depressa*, n. sp. °  
 ✓ 17. *Zornia diphylla*, Pers. °  
 ✓ 18. *Desmodium triflorum*, DC. °  
 > 19. *Sclerocarpus uniseriatis*, Benth. & Hook. °  
 > 20. *Dalechampia scandens*, L. °  
 > 21. *Scapharia dulcis*, L. °  
 > 22. *Hyptis suaveolens*, Poit. °  
 ✓ 23. *Cassia* °  
 ✓ 24. *Eichilia trifoliata*, Jacq. °  
 ✓ 25. *Stylosanthes humilis*, HBK. °  
 > 26. *Diodia prostrata*, Swartz. °

- > 27. *Thevetia neriiifolia*, Juss. °  
 28. °  
 ✓ 29. *Phaseolus semierectus*, L. °  
 ✓ 30. *Sida anomala*, St. Hil. °  
 ✓ 31. *Cassia*. °  
 > ! 32. *Convolvulus secundiflorus*, n. sp. °  
 > 33. *Ipomoea hedrifolia*, L.  
 > ! 34. *Journefortia calycina*, Benth. Ex char. °

✓ 35. °

✓ 36. °

&gt; 37. °

38. °

✓ 39. °

✓ 40. °

✓ 41. °

✓ 42. °

✓ 43. °

&gt; ! 44. °

✓ 45. °

&gt; 46. °

&gt; 47. °

&gt; ! 48. °

&gt; ! 49. °

✓ 50. °

✓ 51. °

&gt; ! 52. °

&gt; 53. °

&gt; ✓ 54. °

*Mayrassa onocca*, n. sp.*Sclaphmella* ~~*stomatophylla*~~, *St. Boiss.* <sup>*spicaggenensis*, Baker, fide Underwood.</sup> °*Bignonia patellifera*, Schl. Ex char. °*Ruellia albiflora*, Fern. n. sp. °*Abutilon incanum*, Sweet. °*Cuscuta gracillima*, Engelm. var. *saccharata*, Engelm. Ex char. °*Calceolaria* ~~*palmifolia*~~, *Ham.* <sup>*pacatechichi*, Schlecht. var.</sup> *repens*, Rob. & Gr. <sup>n. var. by fruit</sup> °*Loranthus calyculatus*, DC. °*Dalca laevigata*, Gray. °

- > 27. *Thevetia nerifolia*, Juss. °  
 28. °  
 ✓ 29. *Phaseolus semierectus*, L. °  
 ✓ 30. *Sida anomala*, St. Hil. °  
 ✓ 31. *Cassia* °  
 > ! 32. *Convolvulus secundiflorus*, n. sp. °  
 > 33. *Ipomoea hedrifolia*, L. °  
 > ! 34. *Tournefortia calycina*, Benth. Ex char. °  
 ✓ 35. *Oplismenus cristatus*, Presl. °  
 ✓ 36. *Aristida Jauillensis*, Kth. °  
 > 37. *Fimbristylis miliacea*, Vahl. °  
 38. °  
 ✓ 39. *Eragrostis ciliatus*, Link. °  
 ✓ 40. *Eragrostis plumosa*, Link. °  
 ✓ 41. *Tournefortia Mexicana*, Scribn. °  
 ✓ 42. *Opizia stolonifera*, Presl. °  
 ✓ 43. *Tournefortia Mexicana*, Scribn. °  
 > ! 44. *Montanoa Palmeri*, n. sp. °  
 ✓ 45. *Abutilon giganteum*, Presl. °  
 > 46. *Acalypha Indica*, L. °  
 > 47. *Silene* <sup>*apiciragpensis*, Batey, fide Woodward.</sup> ~~*stomatophylla*, A. Poir.~~ °  
 > ! 48. *Bignonia patellifera*, Schb. Ex char. °  
 > ! 49. *Ruellia albiflora*, Fern. n. sp. °  
 ✓ 50. *Abutilon incanum*, Sweet. °  
 ✓ ! 51. *Cuscuta gracillima*, Engelm. var. *saccharata*, Engelm. Ex char. °  
 > ! 52. *Calcea* ~~*palmeri*, *stomatophylla*~~ <sup>*pacatechichi*, Schlecht. var.</sup> *repens*, Rob. & G. n. var. <sub>in fruit</sub> °  
 > 53. *Loranthus calyculatus*, DC. °  
 > ✓ 54. *Dalea laevigata*, Gray. °

- ✓ 55. *Dalea* 0  
 > 56. *Herpestis rotundifolia*, Presl. 0  
 ✓ 57. *Myrtus*  
 > 58. *Stemodia durantifolia*, Sw.  
 ✓ 59. *Calliandra laxa*, Benth. 0  
 > 60. *Gymnogramme calomelanos*, Tauff. 0  
 > 61. *Euphorbia thymifolia*, L. 0  
 > 62. *Ficus fasciculata*, Watson. 0  
 ✓ 63. *Triumfetta*  
 > 64. *Hydrolea spinosa*, L. 0  
 > 65. *Dentella repens*, Forst. 0  
 ✓ 66. *Paepplingia proelia*, Presl. 0 (not in 7)  
 ✓ 67. *Desmodium spirale*, DC., var. *Bijelovii*, Rob. & Greenm. 0  
 68. *Mimosa nianzanilloana*, Rose. 0  
 ✓ 69. *Bauhinia pescaprae*, Cav. 0  
 > ! 70. *Cordia perlonga*, n. sp. 0  
 > 71. *Achras Sapota*, L. 0  
 > 72. *Terminalia Catappa*, L. 0  
 ✓ 73. *Loucheocarpus* (not) 0  
 ✓ 74. *Sporobolus Domingensis*, Kth. 0  
 ✓ 75. *Cenchrus multiflorus*,ourn. 0  
 > 76. *Scleria lithosperma*, Willd., var. *filiformis*, Britton 0  
 ✓ 77. *Gouinea polygama*,ourn. 0  
 ✓ 78. *Desmodium spirale*, DC. 0  
 ✓ 79. *Heteropterys portillana*, Watson? 0  
 ✓ 80. *Jussiaea erecta*, L. 0  
 ✓ 81. *Samyda* 0  
 ✓ 82. *Sida aggregata*, Presl. 0

- ✓ 83. *Pterocarpus acapulcensis*, Rose, n. sp. ○  
 84.  
 ✓ 85. *Anona* = *Rollinia*; ○  
 > 86. *Rauwolfia heterophylla*, R. & S. ○  
 ✓ 87. *Cassia occidentalis*, L. ○  
 ✓ 88. *Mimosa Nelsonii*, Robinson n. sp.  
 ✓ 89. *Kosteletzkya hispida*, Presl. ○  
 ✓ 90. *Pithecolobium*  
 ✓ 91. *Tephrosia leptostachya*, DC.  
 > ! 92. *Phyllanthus glaucescens*, HBK. ex char. ○  
 ✓ 93. *Cassia* ○  
 > 94. *Evolvulus alseoides*, L. ○  
 > 95. *Bidens tereticaulis*, DC. ○  
 > 96. *Eucleia tenuis*, n. sp. ○  
 > 97. *Euphorbia pilulifera*, L. ○  
 > 98. *Sponsea huamoclit*, L. ○  
 > 99. *Heliotropium fruticosum*, L. ○  
 > 100. *Commelina palida*, Willd., var. *parviflora*, Clarke. ○  
 > 101. *Heloperone violacea*, Hauch. ○  
 ✓ 102. *Aeschynomene* ~~*Alvimiana*~~ ○  
 103. . . . . ○  
 ✓ 104. *Phaseolus* ○  
 ✓ 105. *Tephrosia leptostachya*, DC. ○  
 ✓ 106. *Aeschynomene* <sup>106<sup>a</sup></sup> *Diphysa cennivides*, HBK. ○  
 ✓ 107. *Melochia*  
 > 108. *Justicia reflexiflora*, Rich.  
 > 109. *Sponsea filipes*, Benth. ○  
 > 110. *Sesamum Indicum*, L. ○

111.  
 ✓ 112. *Panicum saugamiale*, L., var. *longiglume*, Doell. °  
 ✓ 113. *Bouteloua repens* HBK. °  
 ✓ 114. *Panicum divaricatum*, L. °  
 ✓ 115. *Panicum ~~compressum~~ <sup>complanatum</sup>*, Sw. °  
 > 116. *Limbristylis miliacea*, Vahl. °  
 > 117. *Cyperus microdontus*, Torr. °  
 > 118. *Cyperus Haspan.* L. °  
 > 119. *Rhynchospora micrantha*, Vahl. °  
 ✓ 120. *Elevusine Indica*, Gaertn. °  
 ✓ 121. *Dactyloctenium Aegyptiacum*, Willd. °  
 ✓ 122. *Caesalpinia pulcherrima*, Swartz. °  
 > 123. *Sponocia trifida*, Don. °  
 ✓ 124. *Wimmeria pallida*, Rostk. °  
 ✓ 125. *Cassia rotundifolia*, L. & *C. diphylla*, Pers. °  
 126. °  
 ✓ 127. *Karwinskia Humboldtiana*, Zucc. °  
 > 128. *Hyptis stellulata*, Benth. °  
 ✓ 129. *Erythrina* (mex.) °  
 ✓ 130. *Cardiasperman* °  
 ✓ 131. *Tribulus maximus*, L. °  
 > 132. *Commelina Virginica*, L. °  
 ✓ 133. *Turnera diffusa*, var. *aphrodisiaca*, Urban. °  
 ✓ 134. *Calliandra emarginata*, Benth. (mex.) °  
 ✓ 135. *Galactia acapulcensis*, Rose. n. sp. °  
 ✓ 136. *Helictres mollis*, Presl. °  
 > 137. *Conocarpus erectus*, L. °  
 ✓ 138. *Calliandra bijuga*, Rose. n. sp. °



139. *Euphorbia* ○  
 ✓ 140. *Crotalaria pumila*, Ort. ? ○  
 > 141. *Sponocia triloba*, L. ○  
 > 142. *Amantus scariosus*, Benth. ○  
 > 143. *Sponocia cissoides*, Griseb. ○  
 ✓ 144. *Trisia Mexicana*, Lallav. & Lex, ex char. ○  
 ✓ 145. *Cauavalia gladiata*, DC. ○  
 146. *Belostia insignis*, Bail. ? ○  
 > 147. *Solanum callicarpae-folium*, Kth. & Bouché, ○  
 > 148. *Solanum Toruam*, Schw. ○  
 > 149. *Crescentia Gujate*, L. ○  
 > 150. *Heliotropium Indicum*, L. ○  
 > 151. *Aristolochia brevipes*, Benth. ○  
 > 152. *Eupatorium Stillingiaefolium*, DC. ○  
 ✓ 153. *Pavonia arachnoides*, Presl. ○  
 > 154. *Gomaea Grazi*, Rose. ○  
 ✓ 155. *Tephrosia* ○  
 > 156. *Craton minus*, Jacq. ○  
 ✓ 157. *Triumfetta*, *Helioscarpus pallidus*, Rose, n. sp. (1777) ○  
 ✓ 158. *Phaeocalus* ○  
 ✓ 159. *Eutada polytachya*, DC. ○  
 ✓ 160. *Gaya Preslii*, Rose. ○  
 ✓ 161. *Melochia radiata*, L. ○  
 > ! 162. *Vibesia pallens*, Benth. ex char. ○ rather *V. acapulcensis*,  
 163. Rob. & Greene, n. sp.  
 > 164. *Persea* ? / *longipes*, Meisn. ○  
 > ! 165. *Friday obovata*, Jurez. ex char. ○  
 ✓ 166. *Polygala Americana*, Mill. ○

- > 167. *Lippia Berlandieri*, Schauer. °  
 ✓ 168. *Polygala Americana*, Mill. °  
 > 169. *Journefortia hirsutissima*, L. °  
 ✓ 170. *Myrtila scoparia*, Host. & Arn. °  
 > 171. *Stachytarpheta mutabilis*, Vahl. °  
 > 172. *Isocarpha oppositifolia*, R.Br. °  
 ✓ 173. *Chrysobalanus icaco*, L. °  
 > 174. *Aphelandra pectinata*, Willd. ° (9111)  
 ✓ 175. *Esenbeckia Acapulcensis*, Rose, n. sp. °  
 ✓ 176. *Eugenia*  
 > 177. *Cordia Trascanthus*, Jacq. °  
 ✓ 178. *Brougniartia suberba*, Rose, n. sp. ° (11111)  
 ✓ 179. *Vigna strobilophora*, Robinson. °  
 > 180. *Elytharia tridentata*, Vahl. °  
 > 181. *Barleria micans*, Less. °  
 > ! 182. *Aspidia strigosa*, Benth. & Hook, ex char. °  
 ✓ 183. *Cucubita radicans*, Ait. °  
 ✓ 184. *Eucalyptus* °  
 185.  
 > 186. *Melampodium divaricatum*, DC. °  
 > 187. *Euphorbia Schlechtendalii*, Boiss. °  
 > 188. *Schwenkia Americana*, L. °  
 ✓ 189. *Asimina foetida*, Rose, n. sp. °  
 > ! 190. *Acalypha Acapulcensis*, n. sp. °  
 > 191. *Cosmos sulphureus*, Cav. °  
 ✓ 192. *Phaseolus* °  
 ✓ 193. *Melochia pyramidata*, L. °  
 > 194. *Ruellia albicaulis* Bertens. °

- > 195. *Boldoa laucelata*, Lag. ○  
 > 196. *Rauwolfia heterophylla*, R & S. (pubescent)  
 > 197. *Plumbago pulchella*, Boiss.  
 > 198. *Angelonia angustifolia*, Benth. ○  
 > 199. *Amarantus spinosus*, L. ○  
 ✓ 200. *Mangifera Indica*, L. ○  
 ✓ 201. *Cassia alata*, L. ○  
 ✓ 202. *Portulaca pilosa*, L.  
 > 203. *Tournefortia floribunda*, HBK. ○  
 ✓ 204. *Caesalpinia pulcherrima*, Swartz. ○  
 > 205. *Bidens refracta*, Brandegee. \*  
 > 206. *Coccoloba* . . . . . ○  
 ✓ 207. *Dalca* ○  
 > ! 208. *Croton cladotrichus*, Mill. Arg. ex char. (word) ○  
 > 209. *Dysodia appendiculata*, Lag. ○  
 > 210. *Schultesia stenophylla*, Mart. ○  
 > 211. *Stachytarpheta jamaicensis*, Vahl. ○  
 > ! 212. *Crusea parviflora*, Hook. & Arn. ex char. ○  
 ✓ 213. *Jussiaea octonervia*, Lam. ○  
 214. ○  
 > ! 215. *Jaquemontia pycnocephala*, Benth. ex char. ○  
 > ! 216. *Solanum lignescens*, n. sp. ○  
 ✓ 217. *Crotalaria vitellina*, K. ○  
 ✓ 218. *Waltheria* ○  
 ✓ 219. *Heteropteryx Acapulcensis*, Rose, n. sp. ○  
 ✓ 220. *Buettneria Carthagenensis*, Jacq. ○  
 ✓ 221. *Casaria corymbosa*, HBK.  
 ✓ 222. *Sida physaloides*, Presl. ○

- 223,  
 ✓ 224. *Desmodium* .  
 225.  
 ✓ 226. *Lonchocarpus* .  
 > 227. *Eupatorium conyzoides*, Vahl. .  
 ✓ 228. *Gouania stipularis*, DC. .  
 > 229. *Chenopodium ambrosioides*, L. .  
 > 230. *Trema mollis*, Blume. .  
 ✓ 231. *Cassia serpens*, L. .  
 > 232. *Herpestis sessiliflora*, Benth. .  
 233,  
 > ! 234. *Sponsea pedatisecta*, Mart. & Gal. ex char. .  
 ✓ 235. *Jauva filosa*, Scribn. nom. nov. .  
 > ! 236. *Cordia tinifolia*, Willd., ex char. .  
 ✓ 237. *Passiflora viridiflora*, Cav. .  
 > 238. *Evolvulus nummularius*, L. .  
 ✓ 239. *Ayenia* .  
 ✓ 240. *Schrankia distachya*, DC. .  
 ✓ 241. *Prosopis dehiscens*, Rose. n. sp. .  
 > 242. *Eupatorium* .  
 > 243. *Zygodium venustum*, Swz. .  
 > 244. *Salvia occidentalis*, Swartz. .  
 # 245. *Adiantum caducifolium* Rob. & Bartlett, n. sp. (1877).  
 ✓ 246. *Malpighia glabra*, L. .  
 ✓ 247. *Turnera ulmifolia*, L. .  
 248.  
 249.  
 ✓ 250. *Inga Xalapensis*, Benth. .

- ✓ 251. *Indigofera* °  
 > ! 252. *Ruscia rotundifolia*, Cav. & char. °  
 > 253. *Spermacoce asperifolia*, M. & G. °  
 ✓ 254. *Gymnaudiopsis pentaphylla*, DC. °  
 > 255. *Aurebra scandens*, Moq. °  
 ✓ 256. *Centrosema* °  
 ✓ 257. " *Plumieri*, Benth. °  
 258. °  
 > ! 259. *Echites* (Palmeri, n. sp.) °  
 ✓ 260. *Cassia* °  
 ✓ 261. *Melochia nodiflora*, L. °  
 ✓ 262. *Oxalis Keaci*, var. *glabrata*, Baker. °  
 > 263. *Hyptis pectinata*, Poit. °  
 ✓ 264. *Aeschynomene* *Aurea*, " °  
 > 265. *Chiococca racemosa*, L. °  
 ✓ 266. *Triumfetta* °  
 ✓ 267. *Cassia* °  
 > 268. *Lantana houlida*, HBK. °  
 > 269. *Gomphrena globosa*, L. °  
 > 270. *Gomphrena globosa*, L. °  
 > 271. *Gomphrena globosa*, L. °  
 > ! 272. *Manihot rhomboides*, Müll. & char. °  
 > 273. *Gymnogramme calomelanos*, Kaulf. °  
 274. *Byrsonima* *catenata*, L. °  
 ✓ 275. *Sida glutinosa*, Cav. & *S. arguta*, Swartz. °  
 276. °  
 ✓ 277. *Haematoxylon baceale*, Watson. °  
 278. °

279.  
280.  
281. *Melampodium longicornu*, Gray. °  
✓ 282. *Hibiscus esculentus*, L.  
✓ 283. *Aeschynomene paniculata*, Willd.  
✓ 284. *Leptocarpus pleura*, Reuth.  
✓ 285. *Anthephora elegans* Schreb. °  
✓ 286. *Eragrostis amoena*, Presl. °  
✓ 287. *Panicum brevifolium*, L.  
✓ 288. *Panicum insulare*, Meyen. °  
✓ 289. *Panicum paspaloides*, Pers.  
✓ 290. *Cenchrus tribuloides*, L. °  
291. *Cyperus Surinamensis*, Rottb. °  
292.  
293. *Eleocharis microcarpa*, Tou. °  
294. " *Libmaniana*, Boeckl. Ex char. °  
295. *Cyperus ligularis*, L. °  
296. *Mimosa acapulcensis*, Robinson, n. sp.  
✓ 297. *Acacia felicina*, Willd. °  
✓ 298. *Melochia plicata*, Presl. & *Acacia plicata*, Presl. °  
✓ 299. *Acacia paniculata*, Willd. °  
✓ 300. *Acacia* °  
✓ 301. *Acacia* °  
✓ 302. *Acacia* °  
✓ 303. *Piptadenia leptocarpa*, Rose. °  
304. *Phaparrhysa Fendleri*, Gray. °  
✓ 305. *Acacia cochilacantha*, H. & B. °  
✓ 306. *Passiflora foetida*, L. °

- ✓ 307. *Passiflora holosericea*, L. °  
 > 308. *Baccharis viscosa*, L. °  
 > 309. " *erecta*, L. °  
 ✓ 310. *Desmodium albiflorum*, Salzm.  
 > ! 311. *Heliconia hirsuta*, L.f. ex char? °  
 > ! 312. *Evolvulus commelinifolius*, n. sp. °  
 > ! 313. *Evolvulus ovatus*, n. sp. °  
 ✓ 314. *Passiflora Mexicana*, Juss. °  
 ✓ 315. *Passiflora foetida*, L. °  
 ✓ 316. *Serjania trifoliata*, Radlk. °  
 ✓ 317. *Serjania*, ... °  
 > 318. *Antigonon flavescens*, Kats. °  
 ✓ 319. *Crotalaria Maypurensis*, HBK. °  
 > 320. *Hyptis Lappacea*, Benth. °  
 > 321. *Hyptis capitata*, Jacq. °  
 ✓ 322. *Cracca Edwardsii*, Gray. °  
 323.  
 ✓ 324. *Anona* °  
 ✓ 325. *Cassia grandis*, L.f. ?  
 ✓ 326. *Guaiacum* °  
 > 327. *Solanum Lequileuse*, Gray.  
 ✓ 328. *Hibiscus tiliaceus*, L. ° (1. 2)  
 329. *Diospyros* °  
 ✓ 330. *Hymenaea Caudolleana*, HBK. °  
 ✓ 331. *Pachyrhizus angulatus*, Rich.  
 332.  
 > 333. *Quercus nectandraefolia*, Liebm. °  
 > 334. *Quercus* °

335. *Crescentia* See Benth. 57.
- > 336. *Vitex mollis*, HBK.
- 7! 337. *Loranthus Oerstedii*, D. Oliv. ex char.
- 338.
- > 339. *Jaquima macrocarpa*, Cav. ex char.
- > 340. *Agave vivipara*, L.
- > 341. *Cuscuta Americana*, L.
- ✓ 342. *Licania arborea*, Secum.
- ✓ 343. *Curatella Americana*, L.
- 7! 344. *Coccoloba Schiedraua*, Lindau, ex char.?
- ✓ 345. *Anacardium occidentale*, L.
- > 346. *Syngonium podophyllum*, Schott.
- ✓ 347. *Enterolobium cyclocarpum*, Griseb.
- 7! 348. *Genipa(?) cinerea*, n. sp.
- ✓ 349. *Crataeva stipia*, L.
- ✓ 350. *Gliricida maculata*, HBK.
- > 351. *Aristolochia pauciflora*, Duchar. (prob.)
- ✓ 352. *Cassia grandis*, L.f.
- > 353. *Basanacantha spinosa*, Schum.
- > 354. *Ipomoea stans*, Juss. (prob.)
- > 355. *Ficus populnea*, Willd.
- ✓ 356. *Rigistachys bracteata*, Planch.
- ✓ 357. *Eugenia*
- ✓ 358. *Myrtus*
- ✓ 359. *Myrtus*
- ✓ 360. *Passeiflora porphyroidea*, Nees.
- > 361. *Labeinia Palmeri*, Rose.
362. *Bignonia* (prob.)



- ✓ 363. *Bauhinia latifolia*, Cav. ° (m.)  
 ✓ 364. *Vitis Acapulcensis*, HBK. °  
 > 365. *Cordia alba*, Roem. & Schult. °  
 ✓ 366. *Phaseolus* °  
 > 367. *Dygnonia unguis*, L. °  
 ✓ 368. *Lucaena glabrata*, Rose, n. sp. °  
 369. (mod) °  
 > ! 370. *Ipomoea bombycina*, B. & H. ex char. ? °  
 ✓ 371. *Cochlospermum hibiscoides*, Kunth. °  
 > ! 372. *Miapa albena*, Hiern ? ex char. ° (mod)  
 > 373. *Ficus Bonplandiana*, Miq. (mod) °  
 > 374. *Xanthosoma roseum*, Schott.  
 375. *Canavalia* Rose n. sp. °  
 ✓ 376. *Diphysa Palmeri*, Rose. n. sp. °  
 ✓ 377. *Cornuetum Mexicanum*, H. & B. °  
 ✓ 378. *Bursera ovalifolia*, Engler. °  
 > 379. *Piper leucophyllum*, DC. n. sp. °  
 > ! 380. *Tabernaemontana Acapulcensis*, Hiern, ex char. ?  
 ✓ 381. *Pithecolobium dulce*, Benth. °  
 > 382. *Ruellia* °  
 > 383. *Eupatorium quadrangulare*, DC. °  
 ✓ 384. *Gossypium arboreum*, L. ° (mod)  
 385. °  
 > ! 386. *Lucuma Palmeri*, n. sp. °  
 387. °  
 > + 388. *Salmia scandens*, DC.  
~~*Forbesia pauciflora*, Hemsley, ex char. ?~~  
 ✓ 389. *Matayba serriculata*, Radlk. ? °  
 ✓ 390. *Alcacia Hindsii*, Benth. °

- ✓ 391. *Guarea* 0  
 > 392. *Maadrenia*?  
 > 393. *Gonolobus odoratus*, Gray.  
 ✓ 394. *Usimma foetida*, Rose, n. sp. 0  
 > 395. *Cetacea arborea*, HBK. 0  
 ✓ 396. *Combretum Palmeri*, Rose, n. sp. 0  
 ✓ 397. " *farinosum*, HBK. 0  
 ✓ 398. *Bauhinia subrotundifolia*, Cav. 0  
 399. 0  
 ✓ 400. *Coursetia glandulosa*, Gray, var. 0  
 ✓ 401. *Licania arborea*, Seem. 0  
 ✓ 402. *Moringa pterygasperma*, Gaertn. 0  
 > 403. *Datura discolor*, Bernh. 0  
 > 404. *Pisonia aculeata*, L. 0  
 ✓ 405. *Smeitonia Mahogoni*, Jacq.  
 > 406. *Amphilophium paniculatum*, HBK. 0  
 407.  
 ✓ 408. *Conostegia Xalapensis*, Don. 0  
 ✓ 409. *Passiflora Liebmannii*, Mart. & P. *suberosa*, L.  
 ✓ 410. *Acacia* 0  
 ✓ 411. *Passiflora holosericea*, L.  
 ✓ 412. *Gomphia* 0  
 413. *Muntingia calabura*, L. 0  
 > 414. *Euphorbia ligustrina*, Boiss. 0  
 > 415. *Sponsea Palmeri*, Watson, var. *platyphylla*, n. var. 0  
 ✓ 416. *Bombax ellipticum*, HBK. 0  
 ✓ 417. *Casuarina coumbosea*, HBK. 0  
 > 418. *Elephantopus spicatus*, Juss. 0

419. *Tabebuia*. <sup>o</sup> (wood)  
 ✓ 420. *Paspalum platycaule*, Poir. <sup>o</sup>  
 > 421. *Iresine celosioides*, L. <sup>o</sup>  
 ✓ 422. *Indigofera Anil*, L. <sup>o</sup>  
 423. <sup>o</sup>  
 > 424. *Iresine interrupta*, Benth. <sup>o</sup>  
 ✓ 425. *Colubrina*. <sup>o</sup>  
 > 426. *Euphorbia pulcherrima*, Willd. <sup>o</sup>  
 ✓ 427. *Paullinia fuscescens*, HBK. <sup>o</sup>  
 428. <sup>o</sup>  
 > ! 429. *Acrocomia sclerocarpa*, Mart. ex Chor. <sup>o</sup>  
 ✓ 430. *Hippocratea Mexicana*, Muir. <sup>o</sup>  
 > 431. *Ipomoea fistulosa*, Mart. <sup>o</sup>  
 ✓ 432. *Bursera Palmeri*, Watson. <sup>o</sup>  
 ✓ 433. *Penstemon purpurascens*, HBK. <sup>o</sup>  
 ✓ 434. *Amundinella Martinicensis*, Trin. <sup>o</sup>  
 > 435. *Eupatorium pyrocephalum*, Less. <sup>o</sup>  
 ✓ 436. *Bauhinia mermis*, Pers. <sup>o</sup>  
 ✓ 437. *Heteropterys Beecheyana*, Juss. <sup>o</sup>  
 ✓ 438. *Cissus sieyoides*, L. <sup>o</sup>  
 439. <sup>o</sup>  
 > 440. *Agave* ? & *Heliconia occidentalis*, Rose. n. sp. <sup>o</sup>  
 > 441. *Pluchea subdecurrens*, Cass. <sup>o</sup>  
 > 442. *Aphrodium patens*, Swz. <sup>o</sup>  
 ✓ 443. *Jourea staminea*, Fourn. non Scribn. <sup>o</sup>  
 > 444. *Kyllingia pumila*, Michx. <sup>o</sup>  
 445. <sup>o</sup>  
 ✓ 446. *Panicum sanguinale*, L., var. *breviglume*, Trin, forma distincta, Doell. <sup>o</sup>

- ✓ 447. *Limbristylis miliacea*, Vahl. 0  
 ✓ 448. *Cyperus compressus*, L. 0  
 ✓ 449. *Bauhinia pescaprae*, Cav. 0  
 450. 0  
 ✓ 451. *Bauhinia pescaprae*, Cav. 0  
 ✓ 452. *Waltheria Americana*, L. 0  
 453. 0  
 ✓ 454. *Tribulus pistoides*, L. 0  
 455. 0  
 ✓ 456. *Eyostemma Caribaeum*, R. & S. 0  
 457. 0  
 ✓ 458. *Tetracca sessiliflora*, Tr. & Pl. 0  
 459. 0  
 ✓ 460. *Celasia*!?! *monosperma*, Rose. 0  
 ✓ 461. *Cassia oxyphylla*, Kunth. 0  
 462. 0  
 463. 0  
 ✓ 464. *Mallugo verticillata*, L. 0  
 465. 0  
 ✓ 466. *Heliotropium* ~~*prostratum*, n. sp.~~ <sup>*parviflorum*</sup>, Griseb. 0  
 ✓ 467. *Triphasia trifoliata*, DC. 0  
 ✓ 468. *Illysanthes gratioloides*, Benth. 0  
 ✓ 469. *Herpestis sessiliflora*, Benth. 0  
 ✓ 470. <sup>*Excochordia*</sup> *Eclipta alba*, Hassk. 0  
 471. 0  
 ✓ 472. *Herpestis rotundifolia*, Pursh. 0  
 ✓ 473. *Eriosema diffusum*, G. Don. 0  
 ✓ 474. *Galphimia glandulosa*, Roro. n. sp. 0

475.  
 ✓ 476. *Indigofera mucronata*, DC.  
 > 477. *Blechnum Brownii*, Juss.  
 ✓ 478. *Cassia atomaria*, L.  
 > 479. *Lippia callicarpifolia*, HBK.  
 > 480. *Melanthera hastata*, Rich.  
 > 481. *Peetia arenaria*, Benth.  
 482. *Sporaea* n.  
 ! 483. *Sporaea ampullacea*, n. sp.  
 ✓ 484. *Colubrina arborea*, Brandege.  
 ✓ 485. *Hittella Americana*, Aubl.  
 ✓ 486. *Colubrina*  
 ✓ 487. *Clematis dioica*, L.  
 > 488. *Spermacoce podocephala*, Gray.  
 489.  
 490.  
 > 491. *Zexmenia Ghiesbreghtii*, Gray.  
 > 492. *Vernonia canescens*, HBK.  
 > 493. *Bernardia Mexicana*, Mill. sp.  
 ✓ 494. ~~*Olea*~~  
 ✓ 495. *Sida dumosa*, Swartz.  
 > 496. *Canna edulis*, Ker.  
 > 497. *Brickellia Cavanillesii*, Gray. <sup>*glomerata*, Fern. & Gray.</sup>  
 > 498. *Laeselia ciliata*, L.  
 ✓ 499. *Cayaponia attenuata*, Cogn.  
 ✓ 500. *Xylosma Pringlei*, Robinson.  
 ✓ 501. *Cassia*  
 ✓ 502. *Waltheria Preslii*, Walp.

- ✓ 503. *Cayaponia attenuata*, Cogn. °  
 > 504. *Solandra grandiflora*, Swartz. °  
 ✓ 505. *Caesalpinia* °  
 > ! 506. ~~*Dioschorea*~~ *salicoides*, n. sp. °  
 ✓ 507. *Dalea diffusa* Thore. °  
 > 508. *Laeselia glandulosa*, Don. °  
 > ! 509. *Russelia rotundifolia*, Cav. ex char. °  
 > 510. *Phypalis foetens*, Poir. °  
 > ! 511. *Impatiens fusca*, n. sp. °  
 > 512. *Telandra gracilis*, Moq. °  
 > 513. *Eupatorium pycnocephalum*, Less. °  
 ✓ 514. *Pilocarpus longipes*, Rose, n. sp. (1111) °  
 > 515. *Eupatorium monanthum*, Sch. Bip. °  
 > 516. *Smilax Mexicana*, Ait., var. *Costaricae*, DC. (1111) °  
 > 517. *Ardisia coriacea*, Sw. °  
 > 518. *Adiantum tenerum*, Swartz. °  
 > 519. *Adiantum trapeziforme*, L. °  
 > 520. " *trapeziforme*, L. °  
 > ! 521. *Cestrum graciliflorum*, Don., ex char. °  
 > 522. *Lipis obvallata*, Hook. & Arn. °  
 > 523. *Zinnia maritima*, HBK. + *Demodrium* °  
 524. *Phoebe* °  
 > 525. *Sponsea martinicensis*, Mey. & Crotalaria °  
 ✓ 526. *Acisanthera quadrata*, Less. °  
 ✓ 527. *Cuphea tenella*, Hook & Arn. °  
 528. °  
 > 529. *Castalia acutula*, Salisb. °  
 530. °

- > ! 531, *Loranthus inconspicuus*, Benth. ex char. °  
 ✓ 532, *Mucuna urens*, L. °  
 > ! 533, *Solanum lentum*, Cav. ex char. °  
 > 534, *Isocarpha divaricata*, Benth. °  
 > 535, *Cryptocarpus globosus*, HBK. °  
 ✓ 536, *Malva viscus* °  
 > 537, *Islandia usneoides*, L. °  
 ✓ 538, *Cassia* °  
 ✓ 539, *Sergania* °  
 ✓ 540, *Euchilia boliviensis*, C.DC. °  
 541, °  
 542, °  
 543, °  
 ✓ 544, *Leprosia* °  
 ✓ 545, *Bunchosia Paluceri*, Wats. °  
 ✓ 546, *Caesalpinia eriostachya*, Benth. °  
 > 547, *Islandia foliosa*, Mart. & Gal. °  
 ✓ 548, *Luffa operculata*, Cogn. °  
 ✓ 549, *Panicum sanguinale*, L. °  
 ✓ 550, *Sida rhombifolia* & *S. acuta*, var. *carpinifolia*, Schum. °  
 > 551, *Priva echinata*, Juss. °  
 ✓ 552, *Phaseolus* °  
 ✓ 553, *Agrimone Mexicana*, L. °  
 > 554, *Solanum nigrum*, L., var. *Dillenii*, Gray. °  
 ✓ 555, *Momordica charantia*, var. *abbreviata*, Ser. °  
 ✓ 556, *Simaba* °  
 > 557, *Antigonon flavescens*, Wats. + *Melothria scabra*, Lindl. °  
 ✓ 558, *Call. Corallocarpus emetocatharticus*, Griseb. °

- > 559. *Ipomoea umbellata*, Mey. 0
- ✓ 560. *Pterocarpus*? 0
- > 561. *Croton micrus*, Jacq. 0
- ✓ 562. *Guazuma ulmifolia*, Lam. 0
- ✓ 563. *Tournefortia Indica*, L. 0
- > 564. *Isotoma longiflora*, Presl. 0
- > 565. *Mikania laevifolia*, HBK. 0
- ✓ 566. *Secundaria sylvestris*, Schlecht. 0
- > 567. *Capriaria saxifragaeifolia*, Schl. & Ch. 0
- > 568. *Heliotropium mundatum*, Swartz. 0
- > 569. *Hyptis albida*, HBK. 0
- ! 570. *Bleed Ruellia ovalifolia*, Hemsl. Ex char? 0
- ✓ 571. *Paullinia fuscescens*, HBK. 0
- > 572. *Croton fruticulosus*, Torr. 0
- > 573. *Cordia* 0
- ✓ 574. *Annona* 0
- > 575. *Hemura costata*, Gray. & *Canavalia villosa*, Benth. 0
- ✓ 576. *Capparis pauciflora*, Presl. 0
- 577. 0
- ✓ 578. *Guarea* 0
- > 579. *Helianthe Hookeriana*, Hemsl. 0
- > 580. *Jacobinia ovata*, Gray, var. *subglabra*, Wats.? 0
- ✓ 581. *Sida Jamaicensis*, L. 0
- > 582. *Acetandea glabrescens*, Benth? 0
- > 583. *Nelsonia campestris*, R.B.K. 0
- ✓ 584. *Hippocratea Mexicana*, Miers. 0
- 585. *Trianthema Portulacastrum*, L. 0
- > 586. *Euphorbia Brasiliensis*, Lam. 0



2587. *Bignonia aequinoctialis*, L. °  
 ✓588. *Hippocratea Mexicana*, Miers. °  
 ✓589. *Loucheocarpus* °  
 ✓590. *Glinus latoides*, Laefl. °  
 2591. *Chrysophyllum Caimito*, L. °  
 2592. *Conyza lyrata*, HBK. °  
 ✓593. *Glinus latoides*, Laefl. °  
 2594. *Saperoma palustris*, St. Hil. °  
 595. °  
 ✓596. *Eragrostis reptans*, Nees. °  
 2597. *Cyperus ligularis*, L. °  
 ✓598. *Loucheocarpus senecaeus*, HBK. °  
 599. °  
 ✓600. *Malachra digitata*, Presl. °  
 2601. *Loranthus Americanus*, Jacq. ex char. °  
 2602. *Coccoloba leptostachya*, Benth. ex char. °  
 ✓603. *Ceiba cascarilla* Wed. (mex.) °  
 ✓604. *Vitis* °  
 ✓605. *Triumfetta semitiloba*, Jacq. °  
 ✓606. *Gaudichaudia Schiedeana*, Juss. °  
 607. °  
 ✓608. *Clematis Acapulcensis*, Holl. °  
 2609. *Apesteris decumbens*, n. sp. °  
 ✓610. *Cassia* °  
 611. °  
 612. °  
 ✓613. *Arauca* °  
 ✓614. *Melochia radiata*, L. °

- ✓ 615. *Cassia tora*, L.  
 ✓ 616. *Passiflora lunata*, Willd.  
 > 617. *Croton minor*, Jacq.?  
 > 618. *Croton Alamosanus*, Rose.  
 > 619. *Ipomoea intropilosa*, Benth. Rose. °  
 ✓ 620. *Centrosema hastata*, Benth.  
 ✓ 621. *Phaseolus truxillensis*, HBK. °  
 622.  
 623.  
 ✓ 624. *Acacia paniculata*, Willd. °  
 > 625. *Daucotrea subuligera*, Gray. & *Krameria cuspidata*,  
 626. *Krameria* Presl.  
 ✓ 627. *Cochlosoma acutangula*, Desf. °  
 > 628. *Herpestis Salzmanii*, Benth. °  
 ✓ 629. *Hippocratea Acapulcensis*, HBK. °  
 > 630. *Crescentia alata*, HBK. °  
 > 631. *Lithonia tagetiflora*, Drsf. °  
 ✓ 632. *Cassia bicapsularis*, L. °  
 633.  
 634.  
 635.

Oct. 29.

S.O. Parish.

"Monardella stricta, Parish n. sp."

= *M. linearis*, var.?41. *Halenia cuneata*, Wats.8. *Salidago spectabilis*, Gray.83. *Potentilla rivalis*, var. *melligrana*, Wats.28. *Lupinus Sitgreavesii*, Wats.1007. *Amophila pauciflora*, Dougl.

L.M. Hubby, Cleveland, Nov. 14.

1. *Aster salicifolius*2. " *paniculatus* -

3. " "

4. " "

5. " "

6. *Salidago ulmifolia*7. " *squarrosa*8. *Coreopsis aurea*, var. *incisa*.

N.H. Manning, Brookline.

*Galium palustre*, L." *mollis*, L.*Arnica lutea*, Rehl.*Corrigiola littoralis*, L.*Alyssum calycinum* -

Jan 22-23 '96.

Prof. Alfredo Dugo, Guanajuato.

348. *Delphinium leptophyllum*, Hemsl.
316. *Eschscholtzia californica*, Cham. "Amapola amarilla"
137. *Helianthemum glomeratum*, Lag. "Tanajuna"
- N. *Arenaria saxosa*, Gray.
- G. *Sida angustifolia*, Lam.
- D. " *Carpiniifolia*, L.
117. *Eriodendron aesculifolium*, DC. "Pochotl"
- 287 <sup>guante</sup> *Abutilon holosericeum*, Scheele.
- H. *Erodium cicutarium* L'Her.
- S. *Canavalia villosa*, Benth.
- J. *Zornia diphylla*, Pers.
- 257<sup>2</sup> *Cassia Palmeri*, Watson.
304. *Oenothera Whitneyi*, Gray. "Violeta del pais"
306. *Oenothera rosea*, Ait. "Yerba del golpe"
- M " "
- L *Lythrum vulperaria*, Ait.
- O " "
- 308<sup>b</sup> *Lopezia integrifolia*, DC.
- Heterospermum pinnatum*, Cav.
- Laptes micrantha*, Cav.
- "Phyllocactus" = *Phyllocactus anguliger*, Lem.
320. *Passiflora inamoena*, Gray "Cocopitos"
- "Bauvardia" = *B. hypoleuca*, Benth.
425. *Eupatorium Mendezii*, DC.
429. *Bickellia Cavanillesii*, Gray.
- P *Eugenia delphinifolia*, Willd.

455 & 455<sup>B</sup> *Cuculia Mexicana*, Mart. "Mirasol amarillo"  
or "Lampotillo"

469. *Verbesina serrata*, Cav. "Var. blanca";  
"Flor de Invierno" = *Dahlia variabilis*, Desf.  
"Dahlia Sauvage" = " *gracilis*, Art.  
424<sup>A</sup> *Cosmos sulphureus*, Cav. "Mirasol amarillo".  
472. *Electra Mexicana*, DC.  
478. *Porophyllum coloratum*, DC. "Yerba del venado"  
477 " *macrocephalum*, DC. " " "  
481. *Cacalia cordifolia*, HBK. "Cachán ou Condurango"  
88. *Spigelia scabrella*, Benth.  
93. *Thevetia Ycotti*, DC, var. *glabra*, DC. "Frayles".  
"Cazahuatl" *Sponoxia mexicanoides*, K & S.  
"Pomme de terre Sauvage". *Solanum tuberosum*, L.  
416. *Solanum elaeagnifolium*, Cav. "Trompillo".  
! A *Solanum dejectum*, n. sp.  
412. *Physalis mollis*, Nutt., var. *cinerascens*, Gray. "Cogtomati".  
E / " " "  
409. *Datura Tatula*, L.  
G " *metaloides*, DC.  
382. *Peutzstemon gentianoides*, Don?  
387. *Lamoureauxia rhinanthifolia*, HBK.  
R. *Seymeria virgata*, Benth.  
116. *Martynia fragrans*, Lindl. "Toritos".  
114. *Iecoma mollis*, HBK. "Tromadora".  
B. *Salvia axillaris*, Moench & Sesse.  
"Chia" = " *Hispanica*, L.  
"Yerba del abito" = *Hyptis stellulata*, Benth.

79. *Gomphrena decumbens*, Jacq.  
 "Inclite morado" - *Amarantus leucosperma*, Wats.  
 "Romeritos" - *Suaeda intermedia*, Watson.  
 I. *Euphorbia adenoptera*, Benth.  
 E. " *filulifera*, L.  
 K. " *hypericifolia*, L.  
 Chén - = *Inereus glabrescens*, Benth.  
 T. *Calochortus Bonplandianus*, Schult. f.  
 31. B. *Commellina Virginica* L. "Yuba del pollo"  
 31. A. " *graminifolia*, HBK.  
 "Coquitos" - *Cyperus Fendlerianus*, Boeckl.  
 "Calantillo" *Adiantum Capillus-veneris*, L.  
 F. c. *Polypodium aureum*, L., var. *areolatum*, DC. "Calahualpinte",  
 "Calaguala" " *plebeium*, Schl.

Feb 10. 1896.

Aven Nelson - "New" Plants from Wyoming.

999. *Senecio luteus*, Rich., var. *foliosus*, Gray -  
 1037. " " "  
 1255. *Salix macrocarpa*, Nutt.  
 1296. Leaves of one of Malvaceae  
 1320. *Oxytropis Lambertii*, Pursh.  
 1375. *Mentzelia dispersa*, Watson.  
 1389. *Senecio Douglasii* DC. = *S. Riddellii* T. & G.  
 1441. " " " = *S. longilobus*, Benth.  
 1448. *Chenopodium capitatum*, L.?  
 1478. *Vicia Americana*, Muhl.  
 1546. *Rumex salicifolius*, Nees? too young.  
 1548. *Thalictrum*  
 1553. *Aplopappus Fremonti*, Gray, <sup>toward</sup> var. *Wardii*, Gray.  
 1572. *Eriogonum flavum*, Nutt.  
 1573. *Hymenopappus filifolius*, Hook. forma.  
 1581. *Aquilegia*  
 1586. *Salix flaccidus*, Nutt.  
 1592. *Aster Lindleyanus*, Torr. & Gray.  
 1598. *Salix cordata*, Muhl.  
 1611. *Trifolium dasycephalum*, Torr. & Gray.  
 1618. *Picea*  
 1637. *Ceanothus*  
 1725. *Gentiana serrata*, Gumm.  
 1732. apparently a young shoot of *Juniperus* -  
 1733. *Salix monticola*, Bebb.  
 1755. *Salix candida*, Willd.

1757. *Salix* —  
 1759. *Salix desertorum*, Rich.  
 1764. *Trifolium Parryi*, Gray.  
 1765. *Loximon glaucum*, Nutt., var. *dasycephalum*, J. & G.  
 1772. *Eriogonum uniflorum*, L.  
 1793. *Silene*  
 1798. *Plantago Tweedii*, Gray.  
 1819. *Patentella Plattensis*, Nutt.?  
 1820. *Geum Rossii*, Seringe  
 1839.  
 1849.  
 1854. *Veronica peregrina*, L.  
 1856. *Salix rostrata*, Rich.?  
 1862. *Urtica Breweri*, Watson.



Feb. 20, 1896.

Plants from A. S. Hitchcock, Manhattan, Kans.

32. *Carydalis aurea*, Willd.  
 38. *Astragalus latiflorus*, Hook.  
 108. *Hymenopappus corymbosus*, Nutt.  
 121. *Ladescantia Virginica* -  
 142. *Rubus Canadensis*, L., var. *rouillacus*, Bailey -  
 143. *Rubus villosus*, Nutt.  
 174. *Allium mutabile*, Michx.  
 209. *Physalis Virginiana*, Mill.  
 213. *Physalis lanceolata*, Michx.  
 237. *Cuscuta chlorocarpa*, Engelm.  
 254. *Juncus nodosus*, L., var. *megacephalus*, Tu.  
 283. *Commelina Virginica*, L.  
 303. *Juncus marginatus*, Rostk.  
 310. *Juncus acuminatus*,  
 318. *Physalis longifolia*, Nutt.  
 342. *Chenopodium album*,  
 349. *Acer tamariscina*, Moos.  
 351. *Chenopodium Boeckianum*, Moq.  
 373. *Hypericum mutilum*, L.  
 507. *Lisquella Ludoviciana*, Wats.  
 511. *Pentstemon albidus*, Nutt.  
 513. *Allium katallu*, Wats.  
 526. *Chrysopsis villosa*, Nutt., <sup>det.</sup> var. *hispida* and *canescens*.  
 532. *Linum rigidum*, Pursh.  
 535. *Rosa Arkansana* Porter.  
 547. *Chenopodium Fremontii*, var. *incanum*, Wats.

557. *Lilia rigidula*, Benth., var. *acerosa*, Gray.  
 557. *Eriogonum microthecum*, var. *effusum*, S. & G.  
 564. *Astragalus elatiocarpus*, Sheld.  
 565. *Pentstemon albidus*, Nutt.  
 569. *Aster oblongifolius*, Nutt., var. *rigidulus*, Gray.  
 570. *Asclepias auriculata*, Engelm.  
 571. *Physalis hederaefolia*, Gray.  
 572. " *lanceolata*, var. *parvula*, Rydb.  
 576. *Hymenopappus trinifolius*, Benth.  
 580. *Atriplex argentea*, Michx.  
 585. *Eriogonum jamezoi*, Benth.  
 587. *Mentzelia nuda*, Torr.  
 596. *Actinella scapula*, Nutt.  
 606. *Polypteris Hookeriana*, Gray.  
 607. *Hymenopappus flavescens*, Gray.  
 609. *Acrida tamarascina*, Torr.  
 613. *Salicornia calycina*, Engelm.  
 624. *Commelina Virginica*, L., var. *angustifolia*, Clarke.  
 629. *Actinella scaposa*, var. *linearis*.  
 632. *Petalostemon trinifolius*, Gray.  
 634. *Oenothera Greggii*, Gray.  
 636. *Thelaspium foliolium*, Gray.  
 640. *Chenopodium leptophyllum*, Nutt.  
 648. *Mentzelia multiflora*, Nutt.  
 649. *Euscampa decora*, Chais., var. *pulcherrima*, Engelm.  
 666. *Cercopsis fruticosa*, Nutt.  
 668. *Gerardia ropera*, Dougl.  
 678. *Euphorbia acutata*, Gray.

726. *Aster laeviscenti*; L.  
 802. *Aplorhaphus spinulosus*, DC.  
 807. *Oenothera Hartwegi*, Benth., var. *laevifolia*.

March 14, 1896.

Hawaiian Plants from A.A. Heller.

2870. *Pilea sapotaeifolia*, Mann., var. *B.* Hillebr.  
 2631. *Mikstroemia elongata*. Gay.  
 2535. " "  
 2581. " " var. *recurva*, Hillebr.  
 2545. " sp.  
 2498. *Baccha Mannii*, Hillebr.  
 2500. *Euphorbia atrovirens*, Heller, n.sp. may be good  
 but too near *E. cclastroides*, Boiss.  
 2440. *Kadua Cookiana*, Cham. & Schl., var. *elatis*, Hillebr.  
 2443. *Labellia toruosa*, Heller, n.sp. (O.K.)  
 2597. *Cyanea* sp. may be new, or possibly  
 a var. of *C. angustifolia*.

March 21, 1896 -

A.A. Curtis.

5202. *Lespedeza intermedia*, Britton  
 5203. " *polystachya*, Michx.  
 5204. " *angustifolia*, Ell.  
 4522. *Vaccinium corymbosum*, Tows. var. *fuscatum*. Gay.  
 4522 B. " "  
 4579. " *nitidum*, Auct., Tows. *Myrsinites* Lam.

- 4579A. *Vaccinium nitidum*, Andr.  
 4592 " *formosum*, Andr.  
 4592B, " "  
 4592C " "  
 5282. *Polygonum cristatum*, Eng. & Gray.  
 4576. *Coussale micrantha*.

Queen Nelson - March 21, '96.

397. *Phlox Douglasii*, Hook.  
 1650. *Stephanomenia minor*, Nutt.  
 1553. *Aplopappus Fremonti*, Gray, <sup>near</sup> var. *Wardii*, Gray.

June 27.

- A. Duges, Guayaquato.  
 "Polypodium?" = *Asplenium patens*, Desv.  
*Galuzania angustata*, Sch. Bip.  
 "Euphorbiace?" = *Forestiera phillyroides*, Lou.  
 (*Peseda luteola*, L.)  
 X = *Ileocharis truncata*, Sch.  
 Cuphea = *C. mesocheoa*, Greene.  
 "Rosau" = *Arundo Donax*, L.  
 "Aliso" = *Alnus acuminata*, A.B.K.  
 Santa de la Cruz = *Asparagus oedocarpoides*, Thunb.  
 Pichon = *Gorolobus vororius*, Gray.  
 Paraujillo = *Ilex Dugesii*, Fern.  
 ! Mimosa = *Lysiloma Dugesii* n.sp.  
 370. Ocotillo = *Ipomoea viscosa*, L.

Sabino = *Laxodum mucronatum*. Ten.

"Cuáquil" = *Celtis caudata*, Planch.

405A = *Cestrum laxum*, Benth.

Gorro de Napoleon = *Salandra grandiflora*.

1894 Madroña negro = *Achutus glandulosus*, M. & G.

190 Madroña = *Achutus Kalapensis*, HBK.

Ohelisco = *Hibiscus Rosa-sinensis*, L.

*Aristolochia* sp.

*Aphaenocera*?

*Jaenica*?

May 12, '96.

*Cotoneaster denticulata*, HBK.

*Jatropha spatulata*, Mill., var. *sessiliflora* Mill.

"Granjeno" = *Celtis Tala*, Gill?

*Coenocorys* ...  
 L = returned to Washington.

Palmer's 1891-92 Plants, from Tepic etc.

- ✓1838. *Journefortia Hartwegiana*, Steud.
- ✓1798. " " "
- ✓1776. " *floribunda*, HBK.
- ✓1825. *Cordia ferruginea*, R. & S.
- ✓1707. *Cordia Geacanthus*, Jacq.
- ✓1750. *Heliotropium phyllostachyum*, Tou.
- ✓1442. " *fruticosum*, L.
- ✓no no. " *Indicum*, L.
- ✓1527. " "
- ✓1456. " "
- ✓no no. " *parviflorum*, L.
- 1524  
~~1772~~ " "
- ✓1895 *Oreosmodium*?
- ✓1837. *Wigandia Kunthii*, Choisy.
- ✓1913. *Isoloma Jaliscana*, Watson.
- 1731. *Ipomoea* sp. (poor material)
- ✓1997. " *Grayi*, Rose.
- ✓1708. " *trifida*, Don, var. *Tracyana*, Gray
- ✓1746. " " " " " "
- ✓1809. " *pentaphylla*, Jacq.
- ✓1863. " *sidaefolia*, Choisy.
- ✓1780. " *quinquefolia*, Griseb.
- ✓1705. " *leptotoma*, Tou.
- ✓1725. *Jacquemontia violacea*, Choisy.
- ✓2023. *Evolvulus alsinoides*, L. (perhaps *E. acapulcensis*, Willd.).
- 1713. *Physalis*
- ✓2035. " *micandroides*, Schell.

- ✓2051. *Nicotiana plumbaginifolia*, Wiv.  
 ✓2053. *Datura* sp.  
 ✓1502. *Solanum Lambii*, Fernald.  
 ✓2067. " *nigrum*, L., var. *Dillensii*, Gray.  
 ✓1887. " *diversifolium*, Schl.  
 ✓1766. " *verbascifolium*, L.  
 ✓2046. *Buchnera pilosa*, Benth.  
 ✓2050. *Castilleja canescens*, Benth.  
 ✓2045. " *lithospermoides*, HBK.  
 ✓— *Lamoureauxia viscosa*, HBK.  
 ✓— " " "  
 ✓— " " "  
 ✓— " *multifida*, HBK.  
 ✓2044. *Scoparia dulcis*, L.  
 ✓2047. *Herpestis Mommieri*, HBK.  
 ✓— *Russelia sacramentosa*, Jacq.  
 ✓— " " "  
 ✓2043. *Stemodia peduncularis*, Benth.  
 ✓— *Herpestis chamaedryoides*, HBK.  
 1712  
 2007  
 1775  
 1735  
 2001.  
 1752  
 ✓1415. *Carlownightia glabrata*, Fernald.  
 ✓1987. *Carlownightia cordifolia*, Gray.  
 ✓4 *Ruellia tuberosa*, L.  
 ✓1987. *Jacobinia Mohintlii*, Hemsl.  
 ✓4 *Dicliptera brachiata*, Spr.

- 1872 *Vernonia*? *Palmeri*, Rose.
- ✓ *Acaia Jamaicense*, L.
- ✓ 1585. *Hypsis polystachya*, HBK. var.
- 1965a " sp. not in Hb. G. between *albida* & *oblongifolia*.
- ✓ 1903. " *rhytidica*, Benth.
- ✓ 1909. " *spicata*, Poir.
- ✓ 2014. " *pectinata*, Poir.
- ✓ 639. " *suavolens*, Poir.
- ✓ " *stellulata*, Benth.
- ✓ 965. " *oblongifolia*, Benth.
- ✓ " *albida*, HBK.
- ✓ 1864. " " "
- ✓ 516. *Stackys coccinea*, Jacq.
- ✓ 831. " *agraria*, Ch. & Schl.
- ✓ *Salvia occidentalis*, Swartz.
- ✓ " "
- ✓ 5012. " *Mocinsi*, Benth.
- ✓ 967. " *thyrsiflora*, Benth.
- ✓ 2054. " *coccinea*, L.
- ✓ 2065. " *glechonaeifolia*, HBK.
- ✓ 897. " *hyptoides*, Mart. & Gal.
- ✓ 911. " *lavenduloides*, HBK.
- ✓ 2009. " *prunelloides*, HBK.
- ✓ 1441a. " *Mexicana*, L., var. *minor*, Benth.
- ✓ 1749. " *privoides*, Benth.
- ✓ 675. " *albiflora*, Mart. & Gal.
- ✓ 984. " — sp. (pour matériel)
- ✓ 1964. " *aliena*, Greene, ex char.



Od. Allen. Miscellaneous. July 2, 1896.

- a Rosa  
 b. Epilobium Hornemannii, Reichenb.  
 c. Lysichiton amantissimus, Hook.  
 d. Menyanthes occidentalis, Gray.  
 e. Osmorhiza occidentalis, Torr.  
 f. Aspidium louchites, Swg.  
 g.  
 h. Anemone multifida  
 i. Streptopus roseus, Michx.  
 j.  
 k. Polemonium humile, Willd., var. pulchellum, Gray (form = P. pulcherrimum, Hook.)  
 l. Gilia debilis, Nutt. (form = G. Larseni, Gray)  
 m. Anemone plantaginifolia, Hook.  
 n. Carex nigricans, Meyer.  
 o. Carex Preslii, Steud.  
 p. Carex strata, L.  
 q.  
 r. Saxifraga debilis, Engelm.  
 s. Cardamine oligosperma, Nutt.  
 t. Arnica amplexicaulis, Nutt.

Clara E. Cummings.

California &amp; Oregon, 1896

- > 1. *Ceanothus inaequalis*, Hook. & Arn.
- > 2. *Prunus demissa*, Raf.
- > 3. *Rhus Canadensis*, Marsh., var. *trilobata*, Gray.
- > 4. *Malicothrix Californica*, DC.
- > 5. *eschscholtzii* *Californica*, Cham.
- > 6. *Oenothera stigmurella*, Ton. & G.
- > 7. *Gilia multiflora*, Benth.
- > 8. *Orthocarpus purpurascens*, Benth.
- > 9. *Hosackia stigmurella*, Nutt.
- > 10. *Salvia Columbaria*, Benth.
- > 11. *Marrubium vulgare*, L.
- > 12. *Distichlis maritima*, Raf.
- > 13. *Cynodon Dactylon*, Pers.
- > 14. *Melilotus Indica*, Willd. *Catula coronopifolia*, L.
- > 15. *Eleocharis* sp. (to young)
- > 16. *Distichlis maritima*, Raf.
- > 17. *Ceratachla grandiflora*, Hook.
- > 18. *Mimulus luteus*, L.
- > 19. *Sidalcea pauciflora*, Greene.
- > 20. *Arenopsis Californica*, Hook.  
*Californicus*, Benth.
- > 21. *Limnolobos occidentalis*, Nutt., var. *occidentalis*, Gray.
- > 22. *Carex siccata*, Dewey.
- > 23. *Eriogonum Philadelphicum*, L.
- > 24. *Oenothera bioretii*, Nutt., var. *Veitchiana*, Hook.
- > 25. *Montia perfoliata*, Howell.
- > 26. *Melilotus Indica*, Willd.
- > 27. *Catula coronopifolia*, L.

- > 28. *Trifolium involucreatum*, Willd.
- > 29. *Fabiana imbricata*, Ruiz & Pav.
- > 30. *Phalaris intermedia*, Bosc.
- > 31. *Amsinckia intermedia*, Fth.
- > 32. *Pectocarya linearis*, DC.
- > 33. *Rhaecia Tanacetifolia*, Benth.
- > 34. *Elia pungens*, Benth. var. *Hardeni*, Gray.
- > 35. *Lupinus trifidus*, Torr.
- > 36. *Calandrinia caulescens*, HBK.
- > 37. " " "
- > 38. *Hordeum murinum*, L.
- > 39. *Stipa setigera*, Presl.
- > 40. *Cecatachloa grandiflora*, Hook.
- > 41. *Scirpus lacustris*, L.
- > 42. *Scirpus Olneyi*, Gray.
- > 43. *Eriodictyon tomentosum*, Benth. var. *crassifolium*, Gray.
- > 44. *Trifolium tridentatum*, Lindl.
- > 45. *Anapallis arvensis*, L.
- > 46. *Oenothera biostata*, Nutt.
- > 47. *Euphorbia albomarginata*, Torr. & Gr.
- > 48. *Muhlenbergia debilis*, Trin.
- > 49. *Eriogonum fasciculatum*, Benth.
- > 50. *Castilleja foliosa*, Hook. & Arn.
- > 51. *Solanum umbelliferum*, Esch.
- > 52. *Silene Gallica*, L.
- > 53. *Callisera bicolor*, Benth.
- > 54. *Picataena glauca*, R.
- > 55. *Minulus puniceus*, Steud.

- > 56. *Penstemon spectabilis*, Thunber.
- > 57. *Opalis Wrightii*, Gray? .....
- > 58. *Dendromecon rigida*, Benth.
- > 59. *Eriophyllum confertiflorum*, Gray.
- > 60. *Gilia dianthoides*, Eudl.
- > 61. *Erodium Botrys*, Bertol. ....
- > 62. *Asackia glabra*, Torr.
- > 63. *Melilotus indica*, Will.
- > 64. *Viola pedunculata*, T. & G.
- > 65. *Layia elegans*, Gray.
- > 66. *Saeria anthemoides*, Gray.
- > 67. *Oxybaphus myrtagnus*, Sweet, var. *oblongifolius* Gray.
- > 68. *Brodiaea ixioides*, Watson.
- > 69. *Marrubium vulgare*, L.
- > 70. *Sidalcea malvaeflora*, Gray.
- > 71. *Erymizkia ambigua*, Gray.
- > 72. *Leptochloa nitidum*, Nutt.
- > 73. *Ellisia membranacea*, Benth.
- > 74. *Phacelia tanacetifolia*, Benth.
- > 75. *Gilia micrantha*, Eudl.
- > 76. *Collinsia bicolor*, Benth.
- > 77. *Penstemon parviflorus*, Dawson.
- > 78. *Plantago Patagonica*, Jacq.
- > 79. *Delphinium variegatum*, Torr. & Gray.
- > 80. *Medicago denticulata*, Willd.
- > 81. *Eucelia Californica*, Nutt.
- > 82. *Astragalus leucopsis*, T. & G.
- > 83. *Castilleja foliosa*, Hook. & Arn.

84

- > 85 *Hosackia brachycarpa*, Benth.
- > 86, *Arenaria Douglasii*, Torr. & Gray.
- > 87, *Amsinckia intermedia*, F. & M.
- > 88, *Gilia densiflora*, Benth.
- > 89 *Bromus rubens*, L.
- > 90, *Pectocarya linearis*, DC.
- > 91, *Callisia Davidsonii*, Parish.
- 92,
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- > 100 *Lupinus micranthus*, Dougl., var. *microphyllus*, Wats.
- > 101, *Lupidocarpum gracile*, Hook.
- > 102, *Mimulus moschatus*; Dougl.
- > 103 *Trifolium ciliatum*, Nutt.
- > 104 *Gilia pusilla*, Benth., var. *Californica*, Gray
- > 105, *Cerostoma dentata*, Cov., var. *grandiflora*, Wats.
- > 106, *Godetia frutella*, Wats.
- > 107, *Platystemon Californicus*, Benth.
- > 108, *Bromus mollis*, L.
- > 109, *Oithocarpus attenuatus*, Gray.
- > 110, *Trifolium Macraei*, H. & A., var. *albopurpureum*, Greene. (pub.)  
" *ciliatum*, Nutt. (glabr)
- > 111 *Pogogyne Douglasii*, Benth. (small form)

- > 112 *Mimulus leptaleus*, Gray.  
 > 113 *Mimulus occidentalis*, Nutt.  
 > 114 *Eryngium* (too young)  
 > 115 " "  
 > 116 *Amophila parviflora*, Dougl. var. *pedunculata* Gray.  
 > 117 *Collinsia parviflora*, Dougl.  
 > 118 *Gilia gracilis*, Hook.  
 > 119 *Viola haemorsa*, Dougl.  
 > 120 *Fragaria Chilensis*, Duchesne.  
 > 121 *Viola Sheltonii*, Torr.  
 > 122 *Amsinckia spectabilis*, F. & M.  
 > 123 *Amophila parviflora*, Dougl.  
 > 124 *Prunus subcordata*, Benth.  
 > 125 *Rumex acetosella*, L.  
 > 126 *Stellaria longipes*, Goldie.  
 > 127 *Monarda* *parviflora*, Howell.  
 > 128 *Veronica serpyllifolia*, L.  
 > 129 *Hypericum anagalloides*, Cham. & Schl.  
 > 130 *Viola cuneata*, L., var. *adunca*, Gray.  
 > 131 *Amophila insignis*, Dougl.  
 > 132 *Umbellularia Californica*, Nutt.  
 > 133 *Heuzonia* ?  
 > 134 *Gilia gracilis*, Hook.  
 > 135 *Eryngium* ? (too young)  
 > 136 *Acrostaphylos glauca*, Lindl.  
 > 137 *Acrostaphylos pungens*, Hook. var. *platyphylla*, Gray.  
 > 138 *Viola blanda*, Willd.  
 > 139 *Galium* (too young)

- > 140 *Ribes sanguineum*, Pursh, var. *glutinosum*, Watson.
- > 141 *Acer macrophyllum*, Pursh.
- > 142 *Ribes Menziesii*, Pursh, var. with pilose pubescent ovary.
- > 143 *Ptilox Douglasii*, Draft. Hook.
- > 144 *Asarum Hartwegii*, Watson.
- > 145 *Lupinus microcarpus*, Sims.
- > 146 *Valerianella macrocera*, Gray.
- > 147 *Gilia ciliata*, Benth.
- > 148 *Godetia epilabioides*, Wats.?
- > 149 *Delphinium hesperium*, Gray, loose-flowered form.
- > 150 *Collinsia Davidsonii*, Parish.
- > 151 *Mimulus leptaleus*, Gray.
- > 152 *Trifolium variegatum*, Nutt.
- > 153 *Mimulus luteus*, L.
- > 154 *Chaenactis glabriuscula*, DC.
- > 155 *Scrophularia Californica*, Cham.
- > 156 *Oithocarpus densiflorus*, Benth.
- > 157 *Mimulus Fremonti*, Gray.
- > 158 *Mimulus moschatatus*, Dougl.
- > 159 *Chorizanthe membranacea*, Benth.
- > 160 *Thacelia lanacetifolia*, Benth.
- > 161 *Pogogyne Douglasii*, Benth.
- 162
- > 163 *Sphaquea umbellata*, Torr.
- > 164 *Galium* (too young).
- > 165 *Lesula campestris*, DC.
- > 166 *Ceanothus dentata*, Cav., var. *grandiflora*, Watson.
- > 167 *Hemizonia Wrightii*, Gray.

- > 168 *Roubieva multifida*, Moq.
- > 169 *Pterostegia drymarioides*, Fisch. & Meyer.
- > 170 *Briza media*, L.
- > 171 *Hordeum pratense*, Herd.
- > 172 *Chorizanthe stellulata*, Benth.
- > 173 *Eilia dianthoides*, Endl.
- > 174 *Deudomecon rigida*, Benth.
- > 175 *Salvia caduacea*, Benth.
- > 176 *Lupinus ornatus*, Dougl.
- > 177 *Castilleja parviflora*, Bong.
- > 178 *Eucelia farinosa*, Ton.
- > 179 *Stachys albens*, Gray
- > 180 *Hosackia glabra*, Ton.
- > 181 *Galium angustifolium*, Benth.
- > 182 *Pentstemon antirrhinoides*, Benth.
- > 183 *Callinsis bicolor*, Benth.
- > 184 *Temophila insignis*, Dougl.
- > 185 *Vicia exigua*, Benth.
- > 186 *Pentstemon Palmeri*, Gray.
- > 187 *Eilia virgata*, Steud.
- > 188 *Pracelia laevaeifolia*, Benth.
- > 189 *Pracelia campanulata*, Gray.
- > 190 *Montia pernitosa*, Benth.
- > 191 *Clematis lasiantha*, Benth.
- > 192 *Eriophyllum confertiflorum*, Gray, var. *trifidum*, Gray.
- > 193 *Salvia Columbariae*, Benth.
- > 194 *Lupinus concinnus*, Agardh.
- > 195 *Tillima affinis*, Bol.



- > 196 *Amorpha Menziesii*, Holl.
- > 197 *Sitragas Californica*, Torr.
- > 198 *Delphinium variegatum*, Torr. & Gray.
- > 199 *Arabis arcuata*, Gray.
- > 200 *Lupinus concinnus*, Agardh.
- > 201 *Castilleja* sp.
- > 202 *Lupinus Grayi*, Watson.
- > 203 *Umbellulana Californica*, Nutt.?
- > 204 *Quercus* sp.
- > 205 *Eriogon foliosum*, Nutt.
- > 206 *Canunculus tenellus*, Nutt., var. *Lyallii*, Robinson.
- > 207 *Astragalus campestris*, Torr.
- > 208 *Potentilla Anserina*, L.
- > 209 *Viola glabella*, Nutt.
- > 210 *Erythronium grandiflorum*, Pursh.
- > 211 *Thermopsis montana*, Nutt.
- > 212 *Veronica alpina*, L.
- > 213 *Tellima grandiflora*, R.Br.
- > 214 *Thermopsis rhombifolia*, Rich.
- > 215 *Rosa gymnocarpa*, Nutt.
- > 216 *Oxytropis pusillus*, Benth.
- > 217 *Medicago denticulata*, Willd.?
- > 218 *Pentstemon acuminatus*, Dougl.
- > 219 *Lupinus micranthus*, Dougl.
- > 220 *Rubus Nutkanus*, Moc.
- > 221 *Vicia Americana*, Muhl.
- > 222 " " var. *linearis*, Watson.
- > 223 *Rubus sanguineus*, Pursh, var. *malvaceus*, Gray.

- 224 *Vicia Americana*, Muhl.
- 225 *Cornus stutallii*, Audubon.
- 226 *Tradescantia Virginica*, L. (fide J. R. R.)
- 227 *Lychnis dioica*, L.
- 228 *Ipomoea Missassinica*, Michx.
- 229 *Gum triflorum*, Pursh.
- 230 *Arnica cordifolia*, Hook.
- 231 *Amelanchier alnifolia*, Nutt.
- 232 *Troximon heterophyllum*, Greene.
- 233 *Aira caryophylla*, L.
- 234 *Veronica arvensis*, L.
- 235 *Ranunculus hystericulus*, Gray.
- 236 *Viola canina*, L., var. *puberula*, Nutt.

Little *Ranunculus* from Truckee, Cal. =  
*R. alismifolius*, Geyer, much reduced,





